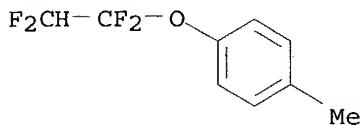


Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	27	(("3467638") or ("3694499") or ("4093665") or ("4157344") or ("4377711") or ("4575571") or ("4600787") or ("4668830") or ("4695657") or ("4950802") or ("5463088") or ("5484932") or ("5849959")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/15 19:11
L2	1092	((568/610) or (568/649) or (568/655) or (568/656) or (568/657) or (568/658)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/11/15 19:13
L3	1695511	electronic near3 devide or organic near2 light near2 emit\$5 near2 diode or display	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/15 19:14
L4	45	l2 and l3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/15 19:24
L5	7208	petrov.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/15 19:25
L6	0	l2 and l5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/15 19:25
L7	144	l3 and l5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/15 19:26
L8	31	fluorinated near2 arylether	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/15 19:27
L9	0	l5 and l8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/15 19:27

10/669, 404

ANSWER 44 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:818390 CAPLUS
DN 138:187456
TI Facile and efficient synthesis of fluoroalkyl aryl ethers
AU Kamal, Ahmed; Pratap, T. B.; Ramana, K. Venkata; Ramana, A. V.; Babu, A. Hari
CS Division of Organic Chemistry, Indian Institute of Chemical Technology, Hyderabad, 500 007, India
SO Tetrahedron Letters (2002), 43(41), 7353-7355
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 138:187456
IT 1737-11-7P, 4-(1,1,2,2-Tetrafluoroethoxy)toluene
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of fluoroalkyl aryl ethers from iodoalkyl fluorides and phenols)
RN 1737-11-7 CAPLUS
CN Benzene, 1-methyl-4-(1,1,2,2-tetrafluoroethoxy)- (9CI) (CA INDEX NAME)



RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/669,404

ANSWER 133 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1970:436584 CAPLUS

DN 73:36584

TI Preparation of (1,1,2,2-tetrafluoroethoxy)benzenes

PA Farbwerke Hoechst A.-G.

SO Fr. Demande, 10 pp.

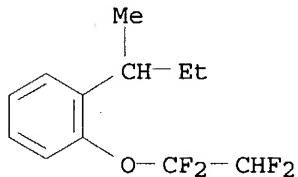
CODEN: FRXXBL

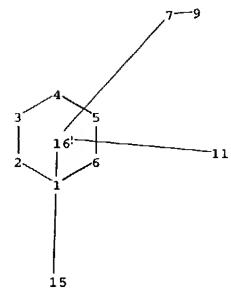
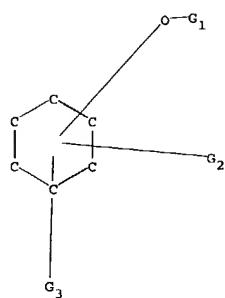
DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2005876	-----	19691219	-----	-----
	DE 1768171			DE	
	GB 1230932			GB	
PRAI	DE		19680409		
IT	28202-34-8P			RL: IMF (Industrial manufacture); PREP (Preparation)	
				(preparation of)	
RN	28202-34-8	CAPLUS			
CN	Benzene, 1-(1-methylpropyl)-2-(1,1,2,2-tetrafluoroethoxy)-	(9CI)		(CA INDEX NAME)	





chain nodes :
7 9 11 15

ring nodes :

1 2 3 4 5 6

chain bonds :

7-9

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

7-9

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

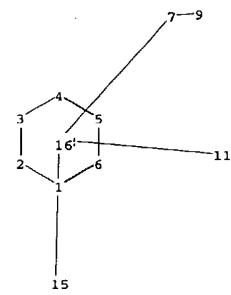
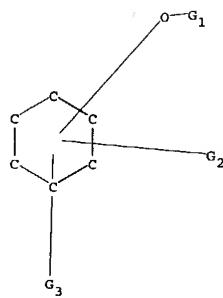
G1:CF2,CF3

G2:CH3,CH2,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,Ak

G3:H,Cl,Br,F,Ak,CH2,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 9:CLASS 10:CLASS 11:CLASS
12:CLASS 15:CLASS 16:CLASS



chain nodes :
7 9 11 15

ring nodes :
1 2 3 4 5 6

chain bonds :
7-9

ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :
7-9

normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :
containing 1 :

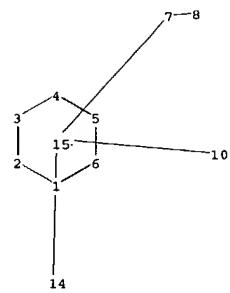
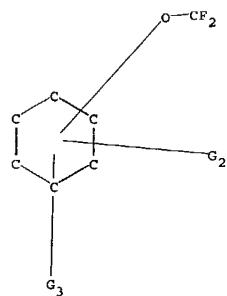
G1:CF2,CF3

G2:CH3,CH2,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,Ak

G3:H,Cl,Br,F,Ak,CH2,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 9:CLASS 10:CLASS 11:CLASS
12:CLASS 15:CLASS 16:CLASS



chain nodes :
7 8 10 14

ring nodes :

1 2 3 4 5 6

chain bonds :

7-8

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact bonds :

7-8

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

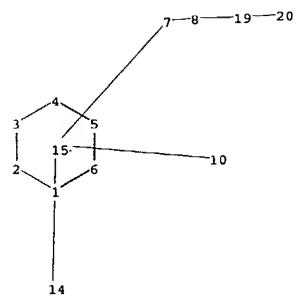
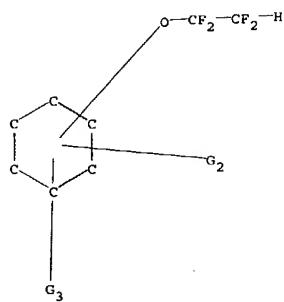
containing 1 :

G2:CH3,CH2,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,Ak

G3:H,Cl,Br,F,Ak,CH2,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 14:CLASS 15:CLASS



chain nodes :
 7 8 10 14 19 20

ring nodes :
 1 2 3 4 5 6

chain bonds :
 7-8 8-19 19-20

ring bonds :
 1-2 1-6 2-3 3-4 4-5 5-6

exact bonds :
 7-8 8-19 19-20

normalized bonds :
 1-2 1-6 2-3 3-4 4-5 5-6

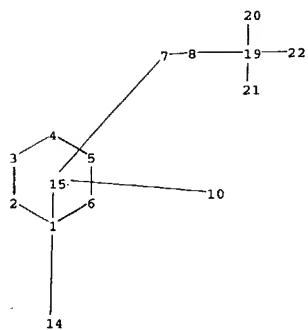
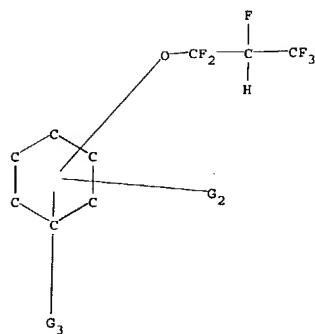
isolated ring systems :
 containing 1 :

G2:CH3,CH2,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,Ak

G3:H,Cl,Br,F,Ak,CH2,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
 11:CLASS 14:CLASS 15:CLASS 19:CLASS 20:CLASS



chain nodes :

7 8 10 14 19 20 21 22

ring nodes :

1 2 3 4 5 6

chain bonds :

7-8 8-19 19-20 19-21 19-22

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact bonds :

7-8 8-19 19-20 19-21 19-22

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

G2:CH3,CH2,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,Ak

G3:H,Cl,Br,F,Ak,CH2,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 14:CLASS 15:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID: SSSPTA1204RXW

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JUL 12 BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS 4 AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
NEWS 5 AUG 02 CAplus and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS 6 AUG 02 The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS 7 AUG 27 BIOPCOMMERCE: Changes and enhancements to content coverage
NEWS 8 AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal status data from INPADOC
NEWS 9 SEP 01 INPADOC: New family current-awareness alert (SDI) available
NEWS 10 SEP 01 New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS 11 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS 12 SEP 27 STANDARDS will no longer be available on STN
NEWS 13 SEP 27 SWETSCAN will no longer be available on STN
NEWS 14 OCT 28 KOREAPAT now available on STN

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 19:36:34 ON 15 NOV 2004

=> file reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION

10/669,404

FULL ESTIMATED COST 0.21 0.21

FILE 'REGISTRY' ENTERED AT 19:36:47 ON 15 NOV 2004
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STRUCTURE FILE UPDATES: 14 NOV 2004 HIGHEST RN 780728-63-4
DICTIONARY FILE UPDATES: 14 NOV 2004 HIGHEST RN 780728-63-4

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

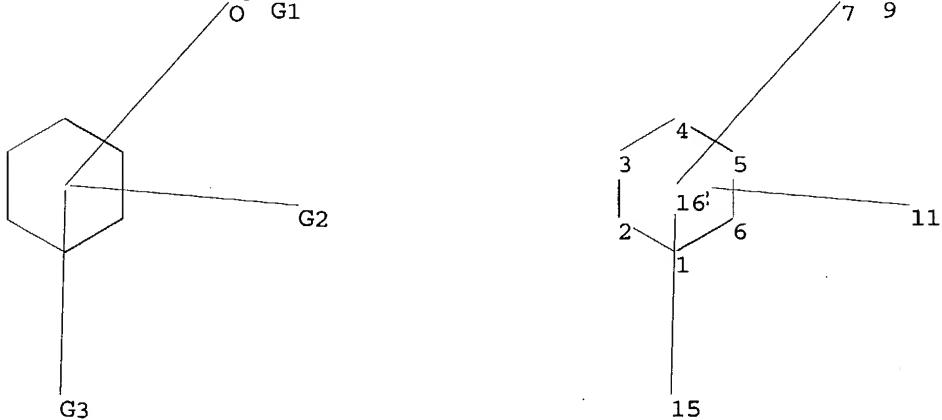
=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 1992 OR 2016 OR 2021 OR 2026 OR 1839

L1 SCREEN CREATED

=>
Uploading C:\Program Files\Stnexp\Queries\10669404.str



chain nodes :
7 9 11 15
ring nodes :
1 2 3 4 5 6
chain bonds :
7-9
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :

10/669,404

7-9

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

G1:CF2,CF3

G2:CH3,CH2,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,Ak

G3:H,Cl,Br,F,Ak,CH2,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 15:CLASS 16:CLASS

L2 STRUCTURE UPLOADED

=> que L2 NOT L1

L3 QUE L2 NOT L1

=> d

L3 HAS NO ANSWERS

L1 SCR 1992 OR 2016 OR 2021 OR 2026 OR 1839
L2 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

L3 QUE L2 NOT L1

=> s 13

SAMPLE SEARCH INITIATED 19:39:26 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 134 TO ITERATE

100.0% PROCESSED 134 ITERATIONS 50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 1986 TO 3374
PROJECTED ANSWERS: 736 TO 1664

L4 50 SEA SSS SAM L2 NOT L1

=> s 13 ful
FULL SEARCH INITIATED 19:39:35 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2755 TO ITERATE

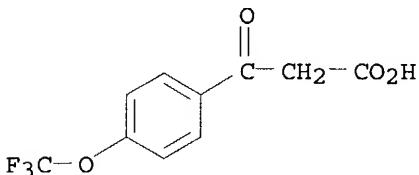
100.0% PROCESSED 2755 ITERATIONS 1302 ANSWERS
SEARCH TIME: 00.00.01

L5 1302 SEA SSS FUL L2 NOT L1

10/669,404

=> d scan

L5 1302 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Benzenepropanoic acid, β -oxo-4-(trifluoromethoxy)- (9CI)
MF C10 H7 F3 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file stnguide
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
157.52	157.73

FILE 'STNGUIDE' ENTERED AT 19:40:28 ON 15 NOV 2004
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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Nov 12, 2004 (20041112/UP).

=> file reg
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
0.36	158.09

FILE 'REGISTRY' ENTERED AT 19:44:00 ON 15 NOV 2004
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STRUCTURE FILE UPDATES: 14 NOV 2004 HIGHEST RN 780728-63-4
DICTIONARY FILE UPDATES: 14 NOV 2004 HIGHEST RN 780728-63-4

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

10/669,404

=>Testing the current file.... screen

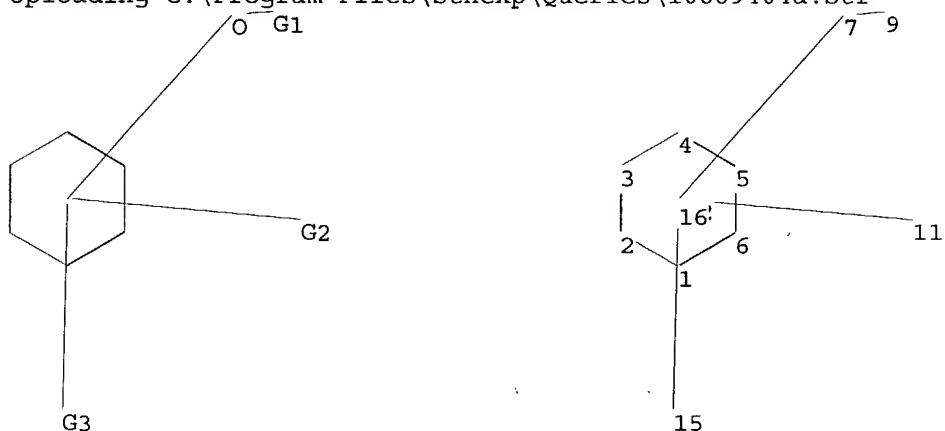
ENTER SCREEN EXPRESSION OR (END) :end

=> screen 1304 OR 1992 OR 2016 OR 2021 OR 2026 OR 1839

L6 SCREEN CREATED

=>

Uploading C:\Program Files\Stnexp\Queries\10669404a.str



chain nodes :

7 9 11 15

ring nodes :

1 2 3 4 5 6

chain bonds :

7-9

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

7-9

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

G1:CF2,CF3

G2:CH3,CH2,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,Ak

G3:H,Cl,Br,F,Ak,CH2,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 15:CLASS 16:CLASS

L7 STRUCTURE UPLOADED

=> que L7 NOT L6

10/669,404

L8 QUE L7 NOT L6

=> d

L8 HAS NO ANSWERS

L6 SCR 1304 OR 1992 OR 2016 OR 2021 OR 2026 OR 1839
L7 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

L8 QUE L7 NOT L6

=> s 18

SAMPLE SEARCH INITIATED 19:44:49 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 130 TO ITERATE

100.0% PROCESSED 130 ITERATIONS 50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 1916 TO 3284

PROJECTED ANSWERS: 672 TO 1568

L9 50 SEA SSS SAM L7 NOT L6

=> s 18 ful

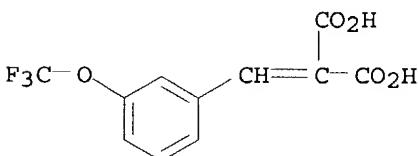
FULL SEARCH INITIATED 19:44:57 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2623 TO ITERATE

100.0% PROCESSED 2623 ITERATIONS 1177 ANSWERS
SEARCH TIME: 00.00.01

L10 1177 SEA SSS FUL L7 NOT L6

=> d scan

L10 1177 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Propanedioic acid, [[3-(trifluoromethoxy)phenyl]methylene]- (9CI)
MF C11 H7 F3 O5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> s 18 full css

FULL SEARCH INITIATED 19:45:53 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2623 TO ITERATE

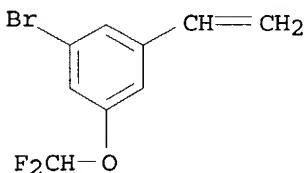
10/669,404

100.0% PROCESSED 2623 ITERATIONS (36 INCOMPLETE) 91 ANSWERS
SEARCH TIME: 00.00.01

L11 91 SEA CSS FUL L7 NOT L6

=> d scan

L11 91 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Benzene, 1-bromo-3-(difluoromethoxy)-5-ethenyl- (9CI)
MF C9 H7 Br F2 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus uspatfull
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 311.68 469.77

FILE 'CAPLUS' ENTERED AT 19:46:14 ON 15 NOV 2004
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FILE 'USPATFULL' ENTERED AT 19:46:14 ON 15 NOV 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l11
L12 184 L11

=> dup rem l12
PROCESSING COMPLETED FOR L12
L13 170 DUP REM L12 (14 DUPLICATES REMOVED)

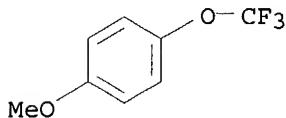
=> s l13 and (electronic or device or display)
L14 21 L13 AND (ELECTRONIC OR DEVICE OR DISPLAY)

=> d 1-21 bib fhitstr

L14 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:196603 CAPLUS
DN 137:5886
TI The trifluoromethoxy group:- a long-range electron-withdrawing substituent
AU Castagnetti, Eva; Schlosser, Manfred
CS Institut de Chimie Organique Ecole Polytechnique Federale de Lausanne,
Lausanne, 1015, Switz.
SO Chemistry--A European Journal (2002), 8(4), 799-804
CODEN: CEUJED; ISSN: 0947-6539
PB Wiley-VCH Verlag GmbH
DT Journal

10/669,404

LA English
OS CASREACT 137:5886
IT 710-18-9, 4-(Trifluoromethoxy)anisole
RL: CPS (Chemical process); PEP (Physical, engineering or chemical process); PRP (Properties); RCT (Reactant); PROC (Process); RACT (Reactant or reagent)
(trifluoromethoxy group as long-range electron-withdrawing substituent)
RN 710-18-9 CAPLUS
CN Benzene, 1-methoxy-4-(trifluoromethoxy)- (7CI, 8CI, 9CI) (CA INDEX NAME)

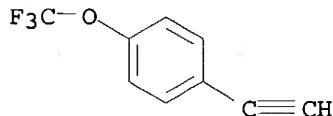


RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:850705 CAPLUS
DN 135:378849
TI Phenylacetyl compound for nematic liquid crystal composition suitable for liquid crystal display
IN Sekine, Chizu; Fujisawa, Koichi; Iwakura, Kazunori; Minai, Masayoshi
PA Sumitomo Chemical Co., Ltd., Japan
SO Ger. Offen., 90 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10120024	A1	20011122	DE 2001-10120024	20010424
	JP 2001302579	A2	20011031	JP 2000-124957	20000425
	JP 2001302580	A2	20011031	JP 2000-124958	20000425
	JP 2001329264	A2	20011127	JP 2000-152867	20000524
PRAI	JP 2000-124957	A	20000425		
	JP 2000-124958	A	20000425		
	JP 2000-152867	A	20000524		

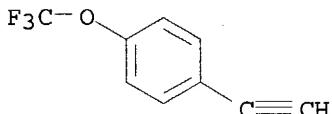
OS MARPAT 135:378849
IT 160542-02-9
RL: RCT (Reactant); RACT (Reactant or reagent)
(synthesis of new phenylacetyl compound for nematic liquid crystal composition,
showing larger refractive index anisotropy, suitable for liquid crystal display)
RN 160542-02-9 CAPLUS
CN Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L14 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:793422 CAPLUS
DN 135:350652

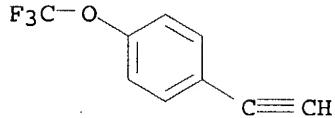
TI Phenyl acetylenic compound having cyclopropane- or alkenyl-terminated backbone for LCD liquid crystal composition
 IN Sekine, Chizu; Fujisawa, Koichi; Iwakura, Kazunori; Minamii, Masayoshi
 PA Agency of Industrial Sciences and Technology, Japan; Shin Energy Sangyo
 Gijutsu Sogo Kaihatsu Kiko; Sumitomo Chemical Co., Ltd.
 SO Jpn. Kokai Tokkyo Koho, 22 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001302579	A2	20011031	JP 2000-124957	20000425
	DE 10120024	A1	20011122	DE 2001-10120024	20010424
	GB 2364050	A1	20020116	GB 2001-10057	20010424
	GB 2364050	B2	20040512		
	US 2001050353	A1	20011213	US 2001-840983	20010425
	US 6623810	B2	20030923		
PRAI	JP 2000-124957	A	20000425		
	JP 2000-124958	A	20000425		
	JP 2000-152867	A	20000524		
OS	MARPAT 135:350652				
IT	160542-02-9				
	RL: RCT (Reactant); RACT (Reactant or reagent) (preparation of Ph acetylenic compound having cyclopropane- or alkenyl-terminated backbone for LCD liquid crystal composition)				
RN	160542-02-9 CAPLUS				
CN	Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				



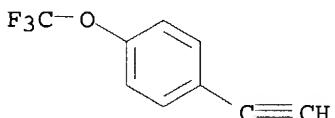
L14 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2001:38472 CAPLUS
 DN 134:108107
 TI Phenylethynyl naphthalene derivative for liquid crystal composition for
 liquid crystal display device
 IN Osawa, Masashi; Takehara, Sadao; Takatsu, Haruyoshi
 PA Dainippon Ink and Chemicals, Inc., Japan
 SO Jpn. Kokai Tokkyo Koho, 43 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001011004	A2	20010116	JP 1999-185440	19990630
PRAI	JP 1999-185440		19990630		
OS	MARPAT 134:108107				
IT	160542-02-9P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (Phenylethynyl naphthalene derivative for liquid crystal composition for liquid crystal display device)				
RN	160542-02-9 CAPLUS				
CN	Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				



L14 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2000:715567 CAPLUS
 DN 133:289163
 TI Phenylacetylene compounds bearing cyclohexyl terminals, liquid crystal compositions, and liquid crystal displays thereof
 IN Sekine, Chizu; Fujisawa, Koichi; Minamii, Masayoshi; Konya, Naoto
 PA Sumitomo Chemical Co., Ltd., Japan; Agency of Industrial Sciences and Technology; Shin Energy Sangyo Gijutsu Sogo Kaihatsu Kiko
 SO Jpn. Kokai Tokkyo Koho, 31 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2000281603	A2	20001010	JP 1999-88888	19990330
PRAI JP 1999-88888		19990330		
OS MARPAT 133:289163				
IT 160542-02-9				
RL: RCT (Reactant); RACT (Reactant or reagent) (cyclohexyl-terminated phenylacetylenes, nematic liquid crystal compns., and their displays)				
RN 160542-02-9	CAPLUS			
CN Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI)			(CA INDEX NAME)	



L14 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2000:645754 CAPLUS
 DN 133:245104
 TI Pattern formation method
 IN Kishimura, Shinji; Katsuyama, Akiko; Sasago, Masaru
 PA Matsushita Electric Industrial Co., Ltd., Japan
 SO Eur. Pat. Appl., 29 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 1035441	A1	20000913	EP 2000-104965	20000308
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2000321774	A2	20001124	JP 2000-40647	20000218
JP 3305293	B2	20020722		
JP 2002072487	A2	20020312	JP 2001-214693	20000218
US 2001049075	A1	20011206	US 2000-520805	20000308

10/669, 404

US 6673523 B2 20040106 JP 2001-315598 20011012
JP 2002182394 A2 20020626 JP 2002-164425 20020610
JP 3305309 B2 20020722
US 2003091941 A1 20030515
PRAI JP 1999-61184 A 19990309
JP 2000-40647 A3 20000218
US 2000-520805 A3 20000308

IT 293753-52-3

RL: NUU (Other use, unclassified); TEM (Technical or engineered material use); USES (Uses)
(formation of resist pattern for semiconductor device or integrated circuit using resist material containing)

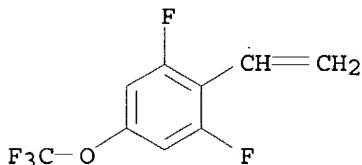
RN 293753-52-3 CAPLUS

CN Phenol, 4-ethenyl-3,5-difluoro-, polymer with 2-ethenyl-1,3-difluoro-5-(trifluoromethoxy)benzene (9CI) (CA INDEX NAME)

CM 1

CRN 293753-51-2

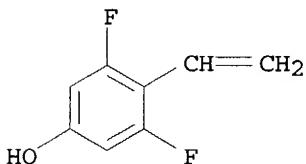
CMF C9 H5 F5 O



CM 2

CRN 293753-16-9

CMF C8 H6 F2 O



RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:561819 CAPLUS
DN 131:177466
TI Phenylacetylene compound and liquid crystal composition containing the same
IN Sekine, Chizu; Fujisawa, Koichi; Konya, Naoto; Minai, Masayoshi
PA Sumitomo Chemical Co., Ltd., Japan
SO Ger. Offen., 62 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

PATENT NO.

KIND

DATE

APPLICATION NO.

DATE

10/669,404

PI	DE 19907941	A1	19990826	DE 1999-19907941	19990224
	JP 2000198755	A2	20000718	JP 1999-45303	19990223
	GB 2334718	A1	19990901	GB 1999-4388	19990225
	GB 2334718	B2	20000913		
	US 6149837	A	20001121	US 1999-257065	19990225
	JP 2000219882	A2	20000808	JP 1999-81310	19990325
PRAI	JP 1998-43289	A	19980225		
	JP 1998-309091	A	19981029		
	JP 1998-335336	A	19981126		

OS MARPAT 131:177466

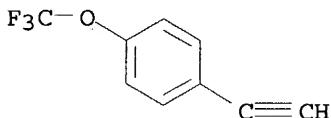
IT 160542-02-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of phenylacetylene compound for liquid crystal composition)

RN 160542-02-9 CAPLUS

CN Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L14 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1997:732324 CAPLUS

DN 128:8944

TI Preparation of fluorovinylene derivatives as liquid crystals and liquid crystal composition and liquid crystal device containing them

IN Fujimoto, Yukari; Miyamoto, Yasunobu; Minamii, Masayoshi

PA Sumitomo Chemical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 16 pp.

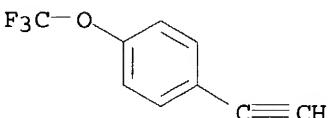
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09291050	A2	19971111	JP 1996-105648	19960425
PRAI	JP 1996-105648		19960425		
OS	MARPAT 128:8944				
IT	160542-02-9, 4-Ethynyl-1-trifluoromethoxybenzene				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(preparation of fluorovinylene derivs. as liquid crystals and liquid crystal composition and liquid crystal device containing them)				
RN	160542-02-9 CAPLUS				
CN	Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				



L14 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1996:288315 CAPLUS

DN 125:22403

TI 1-(4-Cyclohexylphenyl)-2-phenylethane derivative for liquid crystal display device

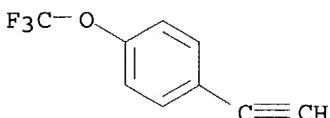
10/669,404

IN Oosawa, Masashi; Takehara, Sadao; Takatsu, Haruyoshi
PA Dainippon Ink & Chemicals, Japan
SO Jpn. Kokai Tokkyo Koho, 16 pp.
CODEN: JKXXAF

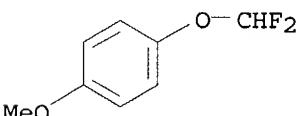
DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08040945	A2	19960213	JP 1994-175432	19940727
PRAI	JP 1994-175432		19940727		
OS	MARPAT 125:22403				
IT	160542-02-9				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(preparation of deuterated cyclohexylbiphenylethane)				
RN	160542-02-9 CAPLUS				
CN	Benzene, 1-ethynyl-4-(trifluoromethoxy) - (9CI) (CA INDEX NAME)				

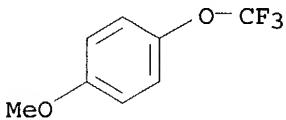


L14 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1966:32338 CAPLUS
DN 64:32338
OREF 64:5969f-g
TI Nuclear magnetic resonance spectra of aryl difluoromethyl ethers
AU Baldwin, John E.; Fenoglio, David J.
CS Univ. of Illinois, Urbana
SO Journal of Physical Chemistry (1966), 70(1), 227-9
CODEN: JPCHAX; ISSN: 0022-3654
DT Journal
LA English
IT 659-33-6, Benzene, 1-(difluoromethoxy)-4-methoxy-
(NMR of)
RN 659-33-6 CAPLUS
CN Benzene, 1-(difluoromethoxy)-4-methoxy- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

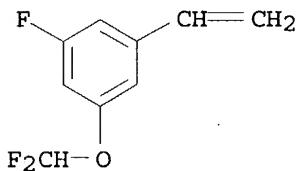


L14 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1965:829 CAPLUS
DN 62:829
OREF 62:127e-f
TI Electronic spectra of aryl trifluoromethyl sulfides, sulfoxides, sulfones, and aryl trifluoromethyl ethers
AU Lutskii, A. E.; Yagupol'skii, L. M.; Volchenok, S. A.
CS Polytech. Inst., Kharkov
SO Zhurnal Obshchey Khimii (1964), 34(8), 2726-35
CODEN: ZOKHA4; ISSN: 0044-460X
DT Journal

LA Unavailable
 IT 710-18-9, Benzene, 1-methoxy-4-(trifluoromethoxy)-
 (spectrum of)
 RN 710-18-9 CAPLUS
 CN Benzene, 1-methoxy-4-(trifluoromethoxy)- (7CI, 8CI, 9CI) (CA INDEX NAME)



L14 ANSWER 12 OF 21 USPATFULL on STN
 AN 2004:25191 USPATFULL
 TI Mandelic acid derivatives and their use as thrombin inhibitors
 IN Inghardt, Tord, Molndal, SWEDEN
 Johansson, Anders, Molndal, SWEDEN
 Svensson, Arne, Molndal, SWEDEN
 PI US 2004019033 A1 20040129
 AI US 2003-432411 A1 20030521 (10)
 WO 2001-SE2657 20011130
 PRAI SE 2000-44586 20001201
 SE 2001-9653 20010319
 SE 2001-12392 20010406
 DT Utility
 FS APPLICATION
 LREP ROPES & GRAY LLP, ONE INTERNATIONAL PLACE, BOSTON, MA, 02110-2624
 CLMN Number of Claims: 44
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 5372
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 433939-29-8P, 1-Fluoro-3-difluoromethoxy-5-vinylbenzene
 (preparation of mandeloylazetidinecarboxamides as thrombin inhibitors)
 RN 433939-29-8 USPATFULL
 CN Benzene, 1-(difluoromethoxy)-3-ethenyl-5-fluoro- (9CI) (CA INDEX NAME)



L14 ANSWER 13 OF 21 USPATFULL on STN
 AN 2003:133856 USPATFULL
 TI Pattern formation method
 IN Kishimura, Shinji, Itami-shi, JAPAN
 Katsuyama, Akiko, Kyoto-shi, JAPAN
 Sasago, Masaru, Hirakata-shi, JAPAN
 PA MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., Osaka, JAPAN (non-U.S.
 corporation)
 PI US 2003091941 A1 20030515
 AI US 2002-164425 A1 20020610 (10)
 RLI Division of Ser. No. US 2000-520805, filed on 8 Mar 2000, PENDING
 PRAI JP 1999-61184 19990309
 DT Utility

10/669,404

FS APPLICATION

LREP NIXON PEABODY, LLP, 8180 GREENSBORO DRIVE, SUITE 800, MCLEAN, VA, 22102

CLMN Number of Claims: 10

ECL Exemplary Claim: 1

DRWN 7 Drawing Page(s)

LN.CNT 982

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 293753-52-3

(formation of resist pattern for semiconductor device or integrated circuit using resist material containing)

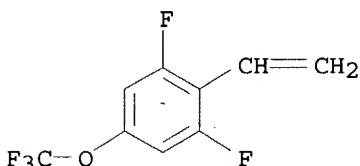
RN 293753-52-3 USPATFULL

CN Phenol, 4-ethenyl-3,5-difluoro-, polymer with 2-ethenyl-1,3-difluoro-5-(trifluoromethoxy)benzene (9CI) (CA INDEX NAME)

CM 1

CRN 293753-51-2

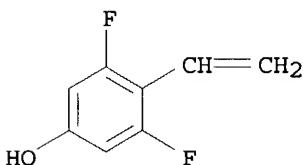
CMF C9 H5 F5 O



CM 2

CRN 293753-16-9

CMF C8 H6 F2 O



L14 ANSWER 14 OF 21 USPATFULL on STN

AN 2003:40689 USPATFULL

TI 2-aryl indole derivative as antagonists of tachykinins

IN Chapman, Kevin Tyler, Scotch Plains, NJ, United States

Dinnell, Kevin, Harlow, UNITED KINGDOM

Elliott, Jason Matthew, Harlow, UNITED KINGDOM

Hollingworth, Gregory John, Harlow, UNITED KINGDOM

Hutchins, Steven Michael, Hillsborough, NJ, United States

Shaw, Duncan Edward, Harlow, UNITED KINGDOM

Willoughby, Christopher Alan, Green Brook, NJ, United States

PA Merck Sharp & Dohme Ltd., Hoddesdon, United States (non-U.S. corporation)

PI US 6518273 B1 20030211

WO 2000051984 20000908

AI US 2001-914893 20010904 (9)

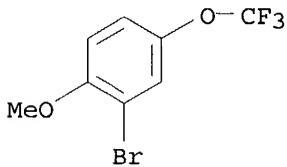
WO 2000-GB650 20000223

PRAI GB 1999-5010 19990304

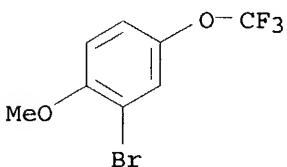
DT Utility

FS GRANTED
 EXNAM Primary Examiner: Bernhardt, Emily
 LREP Thies, J. Eric, Winokur, Melvin
 CLMN Number of Claims: 6
 ECL Exemplary Claim: 1
 DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
 LN.CNT 2309
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 200956-14-5P
 (preparation of 1-[(2-arylindol-3-yl)-1-oxoalkyl]piperazines as antagonists
 of tachykinins)
 RN 200956-14-5 USPATFULL
 CN Benzene, 2-bromo-1-methoxy-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



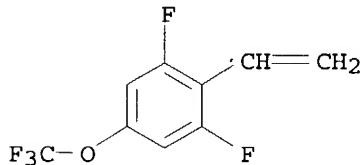
L14 ANSWER 15 OF 21 USPATFULL on STN
 AN 2002:81496 USPATFULL
 TI Spirocyclic ketones and their use as tachykinin antagonists
 IN Kulagowski, Janusz Jozef, Sawbridgeworth, UNITED KINGDOM
 PA Merck Sharp & Dohme Ltd., Hoddesdon, United States (non-U.S.
 corporation)
 PI US 6372754 B1 20020416
 WO 2000047562 20000817
 AI US 2001-913059 20010808 (9)
 WO 2000-GB379 20000208
 20010808 PCT 371 date
 PRAI GB 1999-28813 19990209
 DT Utility
 FS GRANTED
 EXNAM Primary Examiner: Aulakh, Charandit S.
 LREP Thies, J. Eric, Rose, David L.
 CLMN Number of Claims: 17
 ECL Exemplary Claim: 1
 DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
 LN.CNT 2430
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 200956-14-5, 2-Bromo-4-trifluoromethoxyanisole
 (starting material; preparation of 3-aryl-6-phenyl-7-azaspiro[4.5]decan-1-
 one tachykinin antagonists by cyclization of 2-Ph-3-(3-
 phenylsulfonylpropyl)piperidine-3-carboxylates followed by Grignard
 addition of aryl halides)
 RN 200956-14-5 USPATFULL
 CN Benzene, 2-bromo-1-methoxy-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L14 ANSWER 16 OF 21 USPATFULL on STN
 AN 2001:223858 USPATFULL
 TI Pattern formation method
 IN Kishimura, Shinji, Hyogo, Japan
 Katsuyama, Akiko, Kyoto, Japan
 Sasago, Masaru, Osaka, Japan
 PI US 2001049075 A1 20011206
 US 6673523 B2 20040106
 AI US 2000-520805 A1 20000308 (9)
 PRAI JP 1999-61184 19990309
 DT Utility
 FS APPLICATION
 LREP NIXON PEABODY, LLP, 8180 GREENSBORO DRIVE, SUITE 800, MCLEAN, VA, 22102
 CLMN Number of Claims: 17
 ECL Exemplary Claim: 1
 DRWN 7 Drawing Page(s)
 LN.CNT 1028
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 293753-52-3
 (formation of resist pattern for semiconductor device or integrated
 circuit using resist material containing)
 RN 293753-52-3 USPATFULL
 CN Phenol, 4-ethenyl-3,5-difluoro-, polymer with 2-ethenyl-1,3-difluoro-5-
 (trifluoromethoxy)benzene (9CI) (CA INDEX NAME)

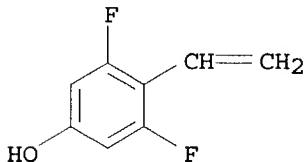
CM 1

CRN 293753-51-2
 CMF C9 H5 F5 O



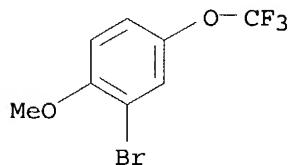
CM 2

CRN 293753-16-9
 CMF C8 H6 F2 O



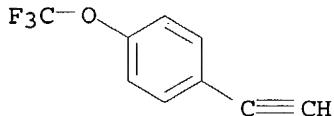
L14 ANSWER 17 OF 21 USPATFULL on STN
 AN 2001:52070 USPATFULL
 TI Substituted 3-(benzylamino)piperidine derivatives and their use as
 therapeutic agents
 IN Elliott, Jason Matthew, Felsted, United Kingdom
 PA Merck Sharp & Dohme Limited, Hoddesdon, United States (non-U.S.)

corporation)
 PI US 6214846 B1 20010410
 WO 9900368 19990107
 AI US 1999-445664 19991209 (9)
 WO 1998-GB1856 19980623
 19991209 PCT 371 date
 19991209 PCT 102(e) date
 PRAI GB 1997-13715 19970627
 GB 1997-20998 19971003
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Chang, Ceila
 LREP Thies, J. Eric, Rose, David L.
 CLMN Number of Claims: 9
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 1317
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 200956-14-5P, 2-Bromo-4-trifluoromethoxyanisole
 (preparation of spiro-piperidine derivs. and their use as therapeutic
 agents)
 RN 200956-14-5 USPATFULL
 CN Benzene, 2-bromo-1-methoxy-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

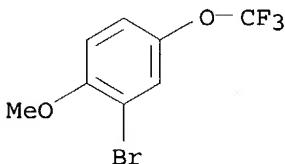


L14 ANSWER 18 OF 21 USPATFULL on STN
 AN 2000:156893 USPATFULL
 TI Phenylacetylene compound and liquid crystal composition comprising the
 same
 IN Sekine, Chizu, Tsukuba, Japan
 Fujisawa, Koichi, Tsukuba, Japan
 Konya, Naoto, Takatsuki, Japan
 Minai, Masayoshi, Moriyama, Japan
 PA Sumitomo Chemical Company, Limited, Osaka, Japan (non-U.S. corporation)
 Agency of Industrial Science and Technology, Tokyo, Japan (non-U.S.
 corporation)
 New Energy and Industrial Technology Development Organization, Tokyo,
 Japan (non-U.S. corporation)
 PI US 6149837 20001121
 AI US 1999-257065 19990225 (9)
 PRAI JP 1998-43289 19980225
 JP 1998-309091 19981029
 JP 1998-335336 19981126
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Kelly, C. H.
 LREP Birch, Stewart, Kolasch & Birch, LLP
 CLMN Number of Claims: 14
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 2058
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 160542-02-9P

(preparation of phenylacetylene compound for liquid crystal composition)
 RN 160542-02-9 USPATFULL
 CN Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

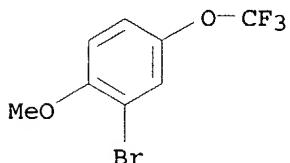


L14 ANSWER 19 OF 21 USPATFULL on STN
 AN 2000:70857 USPATFULL
 TI Spiro-piperidine derivatives and their use as therapeutic agents
 IN Curtis, Neil Roy, Puckeridge, United Kingdom
 Huscroft, Ian Thomas, Bishops Stortford, United Kingdom
 Kulagowski, Janusz Jozef, Sawbridgeworth, United Kingdom
 Swain, Christopher John, Duxford, United Kingdom
 PA Merck Sharp & Dohme, Ltd., Hoddesdon, United Kingdom (non-U.S.
 corporation)
 PI US 6071928 20000606
 WO 9801450 19980115
 AI US 1998-202551 19981216 (9)
 WO 1997-GB1710 19970624
 19981216 PCT 371 date
 19981216 PCT 102(e) date
 PRAI GB 1996-13969 19960703
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Kight, John; Assistant Examiner: Robinson, Binta
 LREP Thies, J. Eric, Rose, David L.
 CLMN Number of Claims: 21
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 3154
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 200956-14-5P
 (Preparation and therapeutic uses of spiropiperidine derivs.)
 RN 200956-14-5 USPATFULL
 CN Benzene, 2-bromo-1-methoxy-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L14 ANSWER 20 OF 21 USPATFULL on STN
 AN 2000:70856 USPATFULL
 TI Spiro-piperidine derivatives and their use as therapeutic agents
 IN Baker, Raymond, Uley, United Kingdom
 Curtis, Neil Roy, Puckeridge, United Kingdom
 Elliott, Jason Matthew, Felsted, United Kingdom
 Harrison, Timothy, Great Dunmow, United Kingdom
 Hollingworth, Gregory John, Brentwood, United Kingdom
 Jackson, Philip Stephen, Grantham, United Kingdom
 Kulagowski, Janusz Jozef, Sawbridgeworth, United Kingdom

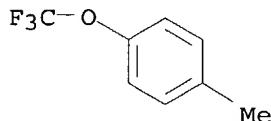
Seward, Eileen Mary, Bishops Stortford, United Kingdom
 Swain, Christopher John, Duxford, United Kingdom
 Williams, Brian John, Great Dunmow, United Kingdom
 PA Merck Sharp & Dohme Ltd., Hoddesdon, United Kingdom (non-U.S.
 corporation)
 PI US 6071927 20000606
 WO 9749710 19971231
 AI US 1998-202493 19981216 (9)
 WO 1997-GB1630 19970617
 19981216 PCT 371 date
 19981216 PCT 102(e) date
 PRAI GB 1996-13108 19960621
 GB 1996-25051 19961202
 GB 1996-26593 19961220
 GB 1997-1459 19970124
 GB 1997-10743 19970523
 GB 1997-10747 19970523
 GB 1997-10748 19970523
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Kight, John; Assistant Examiner: Aulakh, Charanjit S.
 LREP Thies, J. Eric, Rose, David L.
 CLMN Number of Claims: 24
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 7202
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 200956-14-5P, 2-Bromo-4-trifluoromethoxyanisole
 (preparation of spiro-piperidine derivs. and their use as therapeutic
 agents)
 RN 200956-14-5 USPATFULL
 CN Benzene, 2-bromo-1-methoxy-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L14 ANSWER 21 OF 21 USPATFULL on STN
 AN 82:25485 USPATFULL
 TI Process for the monohalogenation of alkylbenzenes in the
 α -position and new alkylbenzenes monohalogenated in the
 α -position
 IN Schubart, Rudiger, Bergisch-Gladbach, Germany, Federal Republic of
 Klauke, Erich, Odenthal, Germany, Federal Republic of
 Naumann, Klaus, Cologne, Germany, Federal Republic of
 Fuchs, Rainer, Wuppertal, Germany, Federal Republic of
 PA Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
 (non-U.S. corporation)
 PI US 4331821 19820525
 AI US 1980-209765 19801124 (6)
 RLI Continuation of Ser. No. US 1979-78991, filed on 26 Sep 1979, now
 abandoned
 PRAI DE 1978-2844270 19781011
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Davis, Curtis R.

10/669,404

LREP Sprung, Horn, Kramer & Woods
CLMN Number of Claims: 11
ECL Exemplary Claim: 1
DRWN 1 Drawing Figure(s); 1 Drawing Page(s)
LN.CNT 485
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 706-27-4
(side-chain chlorination of)
RN 706-27-4 USPATFULL
CN Benzene, 1-methyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



=> file stnguide
COST IN U.S. DOLLARS
FULL ESTIMATED COST

	SINCE FILE ENTRY	TOTAL SESSION
	95.05	564.82

FILE 'STNGUIDE' ENTERED AT 19:52:02 ON 15 NOV 2004
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Nov 12, 2004 (20041112/UP).

=> file reg
COST IN U.S. DOLLARS
FULL ESTIMATED COST

	SINCE FILE ENTRY	TOTAL SESSION
	0.36	565.18

FILE 'REGISTRY' ENTERED AT 19:55:25 ON 15 NOV 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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STRUCTURE FILE UPDATES: 14 NOV 2004 HIGHEST RN 780728-63-4
DICTIONARY FILE UPDATES: 14 NOV 2004 HIGHEST RN 780728-63-4

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

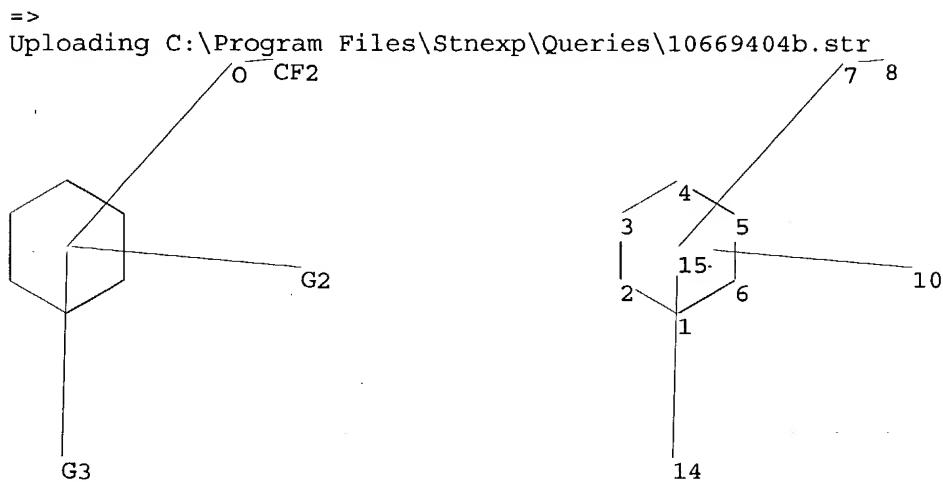
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10/669,404

ENTER SCREEN EXPRESSION OR (END) :end

=> screen 1304 OR 1700 OR 1826 OR 1836 OR 1992 OR 2016 OR 2021 OR 2026 OR 1839

L15 SCREEN CREATED



chain nodes :

7 8 10 14

ring nodes :

1 2 3 4 5 6

chain bonds :

7-8

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact bonds :

7-8

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

G2:CH3,CH2,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,Ak

G3:H,Cl,Br,F,Ak,CH2,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 14:CLASS 15:CLASS

L16 STRUCTURE UPLOADED

=> que L16 NOT L15

L17 QUE L16 NOT L15

10/669,404

=> s 117
SAMPLE SEARCH INITIATED 19:56:01 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 111 TO ITERATE

100.0% PROCESSED 111 ITERATIONS 47 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:	ONLINE	**COMPLETE**	
	BATCH	**COMPLETE**	
PROJECTED ITERATIONS:	1588	TO	2852
PROJECTED ANSWERS:	528	TO	1350

L18 47 SEA SSS SAM L16 NOT L15

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=> s 117 ful
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FULL SCREEN SEARCH COMPLETED - 2402 TO ITERATE
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SEARCH TIME: 00.00.01

L19 985 SEA SSS FUL L16 NOT L15

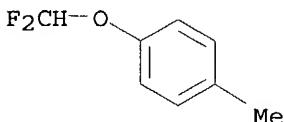
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FULL SCREEN SEARCH COMPLETED - 2402 TO ITERATE
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SEARCH TIME: 00.00.01

L20 33 SEA CSS FUL L16 NOT L15

=> d scan

L20 33 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Benzene, 1-(difluoromethoxy)-4-methyl- (9CI)
MF C8 H8 F2 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

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COST IN U.S. DOLLARS
SINCE FILE
ENTRY
TOTAL
SESSION
SESSION
310.84 876.02

FILE 'CPLUS' ENTERED AT 19:56:45 ON 15 NOV 2004
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FILE 'USPATFULL' ENTERED AT 19:56:45 ON 15 NOV 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 120

L21 56 L20

=> dup rem 121

PROCESSING COMPLETED FOR L21

L22 52 DUP REM L21 (4 DUPLICATES REMOVED)

=> d 1-52 ti

L22 ANSWER 1 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI Synergistic herbicide compositions containing isoxazolines

L22 ANSWER 2 OF 52 USPATFULL on STN

TI Mandelic acid derivatives and their use as thrombin inhibitors

L22 ANSWER 3 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI Preparation of azetidinylbenzamidines and related compounds for combination therapy of arrhythmia or coagulation controlled complications thereof.

L22 ANSWER 4 OF 52 USPATFULL on STN

TI Phenyl-substituted cyclic ketoenols

L22 ANSWER 5 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI New mandelic acid derivatives and their use as thrombin inhibitors

L22 ANSWER 6 OF 52 USPATFULL on STN

TI 2-Phenyl-substituted heterocyclic 1,3-ketonols as herbicides and pesticides

L22 ANSWER 7 OF 52 USPATFULL on STN

TI Fungicidal arylpyrazoles

L22 ANSWER 8 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI Utility of silicon tetrafluoride as a catalyst of reactions with xenon difluoride: fluorinations of phenylalkenes and benzaldehydes

L22 ANSWER 9 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI Preparation of 3-phenyl-2,4-dioxopyrrolidine tautomers and analogs as herbicides and pesticides

L22 ANSWER 10 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI Difluoromethylation of lignin and its models

L22 ANSWER 11 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI Selective, room temperature, high yield conversion of benzaldehydes to difluoromethoxy benzene derivatives using xenon difluoride

L22 ANSWER 12 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI Synthesis of polyacetylene on an oriented poly(tetrafluoroethylene) support

L22 ANSWER 13 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI Fungicidal arylpyrazoles and their preparation, compositions, and use

L22 ANSWER 14 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI Method of preparing alcohol or phenol difluoromethyl ethers

L22 ANSWER 15 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

TI Photolysis of flucythrinate

L22 ANSWER 16 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Dielectric liquid crystal compositions containing difluoromethyl compounds

L22 ANSWER 17 OF 52 USPATFULL on STN
TI Diethers of m- or p-hydroxyphenol

L22 ANSWER 18 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Synthesis of 2,2-dimethyl-3-(4-difluoromethoxyphenyl)cyclopropanecarboxylic acid benzyl esters as cyclic analogs of the pyrethroid flucythrinate

L22 ANSWER 19 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
TI 3-(Fluoroalkoxy)benzoyl halides as intermediates for herbicides

L22 ANSWER 20 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Fluorine-containing amino acids. VII. Polyfluoroalkoxy and polyfluoromethylthio derivatives of phenylalanine

L22 ANSWER 21 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI A simple convenient method for preparation of difluoromethyl ethers using (fluorosulfonyl)difluoroacetic acid as a difluorocarbene precursor

L22 ANSWER 22 OF 52 USPATFULL on STN
TI Fluoroalkoxy substituted benzimidazoles useful as gastric acid secretion inhibitors

L22 ANSWER 23 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Improvement of the synthesis of aryl difluoromethyl ethers and thio ethers by using a solid-liquid phase-transfer technique

L22 ANSWER 24 OF 52 USPATFULL on STN
TI Picoline derivative useful as gastric acid secretion inhibitors

L22 ANSWER 25 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Picoline derivatives, their utilization, and drugs containing them

L22 ANSWER 26 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Benzimidazole derivatives and antiulcer drugs containing them

L22 ANSWER 27 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI [(Dialkoxyypyridyl)methyl]thio]benzimidazoles

L22 ANSWER 28 OF 52 USPATFULL on STN
TI 4H-3,1-Benzoxazine derivatives

L22 ANSWER 29 OF 52 USPATFULL on STN
TI Fluoroalkoxy substituted benzimidazoles useful as gastric acid secretion inhibitors

L22 ANSWER 30 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Fluoroalkoxy compounds

L22 ANSWER 31 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Aryl difluoromethyl ethers

L22 ANSWER 32 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI (Difluoromethoxy)- or (difluoromethylthio)arenes

L22 ANSWER 33 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Resolution of racemic 2-(p-difluoromethoxyphenyl)-3-methylbutyric acid

L22 ANSWER 34 OF 52 USPATFULL on STN

TI Method for the resolution of racemic 2-(p-difluoromethoxyphenyl)-3-methylbutyric acid

L22 ANSWER 35 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2
TI Difluoromethoxyaromatic compounds

L22 ANSWER 36 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 3
TI Difluoromethoxyaromatic compounds

L22 ANSWER 37 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 4
TI Difluoromethoxyaromatic compounds

L22 ANSWER 38 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Monoether or diether of m- or p-hydroxyphenols

L22 ANSWER 39 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Difluoromethoxy derivatives of benzoic acid and benzaldehyde

L22 ANSWER 40 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI 1-(Fluoroalkoxyphenyl)-2-hydroxy-1-alkanone acetals

L22 ANSWER 41 OF 52 USPATFULL on STN
TI 4H-3,1-Benzoxazine derivatives

L22 ANSWER 42 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Reactivity of the perhaloalkanes CF_2BrX ($X = Cl, Br$) with nucleophiles. Part 5. Condensation with potassium 2-allylphenoxide; evidence for difluorocarbene formation

L22 ANSWER 43 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Synthesis of aromatic compounds containing bromodifluoromethoxy and bromodifluorothiomethoxy groups. II. Action of dibromodifluoromethane and bromochlorodifluoromethane on substituted potassium thiophenoxides and phenoxides

L22 ANSWER 44 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI 4H-3,1-Benzoxazine derivatives

L22 ANSWER 45 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Fluorinated alkoxybenzyl chlorides

L22 ANSWER 46 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI α -(1-Benzyl-3-indolyl) alkanecarboxylic acids

L22 ANSWER 47 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Indolyl aliphatic acids

L22 ANSWER 48 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Nuclear magnetic resonance spectra of aryl difluoromethyl ethers

L22 ANSWER 49 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Indolyl aliphatic acids

L22 ANSWER 50 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Synthetic application of difluorocarbenes. I. Preparation of some aryl difluoromethyl ethers, thio ethers, and sulfones

L22 ANSWER 51 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
TI Proton magnetic resonance (P.M.R.) investigation of the difluoromethyl group

L22 ANSWER 52 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN

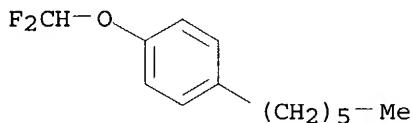
10/669, 404

TI Preparation of aryl difluoromethyl ethers

=> d 16,30,31,35,52 bib fhitstr

L22 ANSWER 16 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1992:31596 CAPLUS
DN 116:31596
TI Dielectric liquid crystal compositions containing difluoromethyl compound
IN Prass, Ellen; Eidenschink, R.
PA Nematel, Germany
SO Ger. Offen., 6 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

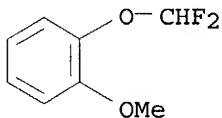
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PI	DE 3904817	A1	19900920	DE 1989-3904817	19890217
PRAI	DE 1989-3904817		19890217		
OS	MARPAT 116:31596				
IT	138171-52-5P				
	RL: PREP (Preparation)				
	(preparation of, as liquid crystal, for optical shutter)				
RN	138171-52-5	CAPLUS			
CN	Benzene, 1-(difluoromethoxy)-4-hexyl- (9CI) (CA INDEX NAME)				



L22 ANSWER 30 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1985:560504 CAPLUS
DN 103:160504
TI Fluoroalkoxy compounds
IN Senn-Bilfinger, Joerg; Schaeffer, Hartmann; Figala, Volker; Kurt, Klemm; Klemm, Kurt; Hartmann, Schaeffer; Et, Al.
PA Byk-Gulden Lomberg Chemische Fabrik G.m.b.H., Fed. Rep. Ger.
SO S. African, 51 pp.
CODEN: SFXXAB
DT Patent
LA English
FAN CNT 1

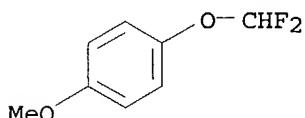
PATENT NO.		KIND	DATE	APPLICATION NO.	DATE
PI	ZA 8403288	A	19841224	ZA 1984-3288	19840503
	IL 71664	A1	19871130	IL 1984-71664	19840427
	HU 195220	B	19880428	HU 1986-4147	19840427
	AU 8427500	A1	19841108	AU 1984-27500	19840430
	AU 579316	B2	19881124		
	DK 8402171	A	19841104	DK 1984-2171	19840501
	US 4555518	A	19851126	US 1984-606872	19840501
	NO 8401754	A	19841105	NO 1984-1754	19840502
	JP 59206379	A2	19841122	JP 1984-87967	19840502
	JP 05072391	B4	19931012		
	FI 8401759	A	19841104	FI 1984-1759	19840503
	EP 134400	A2	19850320	EP 1984-104993	19840503
	EP 134400	A3	19851211		

EP 134400 B1 19930324
 R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE
 ES 532149 A1 19860301 ES 1984-532149 19840503
 AT 87311 E 19930415 AT 1984-104993 19840503
 ES 545145 A1 19860116 ES 1985-545145 19850712
 JP 05086037 A2 19930406 JP 1992-65838 19920324
 JP 05087508 B4 19931216
 PRAI CH 1983-2401 19830503
 EP 1984-104993 19840503
 IT 97963-81-0P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and nitration of)
 RN 97963-81-0 CAPLUS
 CN Benzene, 1-(difluoromethoxy)-2-methoxy- (9CI) (CA INDEX NAME)



L22 ANSWER 31 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1985:78548 CAPLUS
 DN 102:78548
 TI Aryl difluoromethyl ethers
 PA Showa Denko K. K., Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

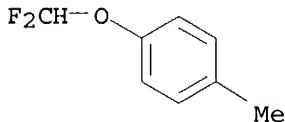
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 59157041	A2	19840906	JP 1983-30886	19830228
JP 01004501	B4	19890125		
PRAI JP 1983-30886		19830228		
IT 659-33-6P				
RL: SPN (Synthetic preparation); PREP (Preparation)				
(preparation of)				
RN 659-33-6 CAPLUS				
CN Benzene, 1-(difluoromethoxy)-4-methoxy- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)				



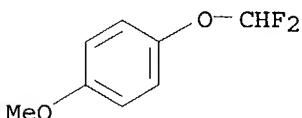
L22 ANSWER 35 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2
 AN 1984:22412 CAPLUS
 DN 100:22412
 TI Difluoromethoxyaromatic compounds
 IN Siddens, Jack K.
 PA American Cyanamid Co. , USA
 SO U.S., 4 pp.
 CODEN: USXXAM

DT Patent
 LA English
 FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4407760	A	19831004	US 1982-420169	19820920
	EP 101570	A1	19840229	EP 1983-107272	19830725
	EP 101570	B1	19880127		
	R: BE, CH, DE, FR, GB, IT, LI, NL, SE				
	JP 59059640	A2	19840405	JP 1983-150419	19830819
	JP 04066854	B4	19921026		
	BR 8304515	A	19840403	BR 1983-4515	19830822
	HU 32323	O	19840730	HU 1983-2944	19830822
	ES 525084	A1	19850601	ES 1983-525084	19830822
	CA 1203549	A1	19860422	CA 1983-435107	19830822
	ES 540795	A1	19851201	ES 1985-540795	19850228
	ES 540794	A1	19860516	ES 1985-540794	19850228
PRAI	US 1982-410805		19820823		
	US 1982-420164		19820920		
	US 1982-420169		19820920		
	US 1982-420170		19820920		
IT	1583-83-1P				
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(preparation of)				
RN	1583-83-1 CAPLUS				
CN	Benzene, 1-(difluoromethoxy)-4-methyl- (9CI) (CA INDEX NAME)				



L22 ANSWER 52 OF 52 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1961:76024 CAPLUS
 DN 55:76024
 OREF 55:14396d-g
 TI Preparation of aryl difluoromethyl ethers
 AU Miller, Thomas G.; Thanassi, John W.
 CS Lafayette Coll., Easton, PA
 SO Journal of Organic Chemistry (1960), 25, 2009-12
 CODEN: JOCEAH; ISSN: 0022-3263
 DT Journal
 LA Unavailable
 OS CASREACT 55:76024
 IT 659-33-6, Benzene, 1-(difluoromethoxy)-4-methoxy-
 (preparation of)
 RN 659-33-6 CAPLUS
 CN Benzene, 1-(difluoromethoxy)-4-methoxy- (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)



10/669,404

=> s (l10 or l19) and (electronic or device or display)
L23 218 (L10 OR L19) AND (ELECTRONIC OR DEVICE OR DISPLAY)

=> dup rem 123
PROCESSING COMPLETED FOR L23
L24 217 DUP REM L23 (1 DUPLICATE REMOVED)

=> d 1-217 ti

L24 ANSWER 1 OF 217 USPATFULL on STN
TI Fused azabicyclic compounds that inhibit vanilloid receptor subtype 1 (VR1) receptor

L24 ANSWER 2 OF 217 USPATFULL on STN
TI Quinoline and quinoxaline compounds

L24 ANSWER 3 OF 217 USPATFULL on STN
TI Ortho-substituted aryl amides for controlling invertebrate pests

L24 ANSWER 4 OF 217 USPATFULL on STN
TI Cyclic derivatives as modulators of chemokine receptor activity

L24 ANSWER 5 OF 217 USPATFULL on STN
TI N-arooyl cyclic amine derivatives as orexin receptor antagonists

L24 ANSWER 6 OF 217 USPATFULL on STN
TI Methods and compounds for inhibiting MRP1

L24 ANSWER 7 OF 217 USPATFULL on STN
TI Anilinopyrazole derivatives useful for the treatment of diabetes

L24 ANSWER 8 OF 217 USPATFULL on STN
TI Fused azabicyclic compounds that inhibit vanilloid receptor subtype 1 (VR1) receptor

L24 ANSWER 9 OF 217 USPATFULL on STN
TI Compounds

L24 ANSWER 10 OF 217 USPATFULL on STN
TI Insecticidal anthranilamides

L24 ANSWER 11 OF 217 USPATFULL on STN
TI New compounds

L24 ANSWER 12 OF 217 USPATFULL on STN
TI Novel mandelic acid derivatives

L24 ANSWER 13 OF 217 USPATFULL on STN
TI N-substituted piperidine derivatives as serotonin receptor agents

L24 ANSWER 14 OF 217 USPATFULL on STN
TI Heterocyclic diamide invertebrate pest control agents

L24 ANSWER 15 OF 217 USPATFULL on STN
TI 3-Pyrrol-pyridopyrazoles and 3-pyrrolyl-indazoles as novel kinase inhibitors

L24 ANSWER 16 OF 217 USPATFULL on STN
TI Novel aminophenyl piperazine or aminophenyl piperidine derivatives inhibiting prenyl transferase proteins and method for preparing same

L24 ANSWER 17 OF 217 USPATFULL on STN

TI Method of forming resist patterns in a semiconductor device and a semiconductor washing liquid used in said method

L24 ANSWER 18 OF 217 USPATFULL on STN
TI (R)-chiral halogenated 1-substitutedamino-(n+1)-alkanols useful for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 19 OF 217 USPATFULL on STN
TI Homo-camptothezin derivates

L24 ANSWER 20 OF 217 USPATFULL on STN
TI Treatment of insulin resistance syndrome and type 2 diabetes with PDE9 inhibitors

L24 ANSWER 21 OF 217 USPATFULL on STN
TI Phosphate transport inhibitors

L24 ANSWER 22 OF 217 USPATFULL on STN
TI Mandelic acid derivatives and their use as throbin inhibitors

L24 ANSWER 23 OF 217 USPATFULL on STN
TI Aporphine esters and their use in therapy

L24 ANSWER 24 OF 217 USPATFULL on STN
TI Novel compounds and compositions as cathepsin S inhibitors

L24 ANSWER 25 OF 217 USPATFULL on STN
TI Novel compounds and their use

L24 ANSWER 26 OF 217 USPATFULL on STN
TI Alkoxy aryl beta2 adrenergic receptor agonists

L24 ANSWER 27 OF 217 USPATFULL on STN
TI Pyrazolopyrimidines as therapeutic agents

L24 ANSWER 28 OF 217 USPATFULL on STN
TI Benzimidazole compounds and their use as estrogen agonists/antagonists

L24 ANSWER 29 OF 217 USPATFULL on STN
TI 5-HT1f agonist

L24 ANSWER 30 OF 217 USPATFULL on STN
TI Substituted N,N-bis-phenyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 31 OF 217 USPATFULL on STN
TI Nitrogen-containing heterocyclic compounds

L24 ANSWER 32 OF 217 USPATFULL on STN
TI Insecticidal anthranilamides

L24 ANSWER 33 OF 217 USPATFULL on STN
TI Glucagon antagonists/inverse agonists

L24 ANSWER 34 OF 217 USPATFULL on STN
TI PDE9 inhibitors for treating cardiovascular disorders

L24 ANSWER 35 OF 217 USPATFULL on STN
TI Chemical compounds

L24 ANSWER 36 OF 217 USPATFULL on STN
TI Novel aromatic compounds

L24 ANSWER 37 OF 217 USPATFULL on STN
TI Use of compounds having combined dopamine d2, 5-ht1a and alpha adrenoreceptor agonistic action for treating cns disorders

L24 ANSWER 38 OF 217 USPATFULL on STN
TI New nitromethyl ketones, process for preparing them and compositions containing them

L24 ANSWER 39 OF 217 USPATFULL on STN
TI Spirocyclic ligands for sigma receptors, and libraries and methods of use thereof

L24 ANSWER 40 OF 217 USPATFULL on STN
TI Spiroazacyclic compounds as monoamine receptor modulators

L24 ANSWER 41 OF 217 USPATFULL on STN
TI Cinnamide derivatives as KCNQ potassium channel modulators

L24 ANSWER 42 OF 217 USPATFULL on STN
TI Fused azabicyclic compounds that inhibit vanilloid receptor subtype 1 (VR1) receptor

L24 ANSWER 43 OF 217 USPATFULL on STN
TI Fused azabicyclic compounds that inhibit vanilloid receptor subtype 1 (VR1) receptor

L24 ANSWER 44 OF 217 USPATFULL on STN
TI P-chiral phospholanes and phosphocyclic compounds and their use in asymmetric catalytic reactions

L24 ANSWER 45 OF 217 USPATFULL on STN
TI Inhibitors of glycogen synthase kinase 3

L24 ANSWER 46 OF 217 USPATFULL on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholestryl ester transfer protein activity

L24 ANSWER 47 OF 217 USPATFULL on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholestryl ester transfer protein activity

L24 ANSWER 48 OF 217 USPATFULL on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholestryl ester transfer protein activity

L24 ANSWER 49 OF 217 USPATFULL on STN
TI Antibacterial agents

L24 ANSWER 50 OF 217 USPATFULL on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholestryl ester transfer protein activity

L24 ANSWER 51 OF 217 USPATFULL on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholestryl ester transfer protein activity

L24 ANSWER 52 OF 217 USPATFULL on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholestryl ester transfer protein activity

L24 ANSWER 53 OF 217 USPATFULL on STN

TI Methods and compounds for inhibiting mrpl

L24 ANSWER 54 OF 217 USPATFULL on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 55 OF 217 USPATFULL on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 56 OF 217 USPATFULL on STN
TI Pattern formation method

L24 ANSWER 57 OF 217 USPATFULL on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 58 OF 217 USPATFULL on STN
TI (R)-chiral halogenated substituted N,N-bis-benzyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 59 OF 217 USPATFULL on STN
TI NITROMETHYL KETONES, PROCESS FOR PREPARING THEM AND COMPOSITIONS CONTAINING THEM

L24 ANSWER 61 OF 217 USPATFULL on STN
TI CXCR3 antagonists

L24 ANSWER 62 OF 217 USPATFULL on STN
TI Process for preparing polyfluoroalkyllithium compounds

L24 ANSWER 63 OF 217 USPATFULL on STN
TI Heteropolycyclic compounds and their use as metabotropic glutamate receptor antagonists

L24 ANSWER 64 OF 217 USPATFULL on STN
TI CXCR3 antagonists

L24 ANSWER 65 OF 217 USPATFULL on STN
TI (R)-chiral halogenated substituted n,n-bis-phenyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 66 OF 217 USPATFULL on STN
TI (R)-Chiral halogenated substituted fused heterocyclic amino compounds useful for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 67 OF 217 USPATFULL on STN
TI Heterocyclo-substituted imidazoles for the treatment of inflammation

L24 ANSWER 68 OF 217 USPATFULL on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 69 OF 217 USPATFULL on STN
TI (R)-Chiral halogenated substituted heteroaryl benzyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 70 OF 217 USPATFULL on STN
TI Pyrazolopyrimidines as therapeutic agents

L24 ANSWER 71 OF 217 USPATFULL on STN
TI Substituted β -alanine derivatives as cell adhesion inhibitors

L24 ANSWER 72 OF 217 USPATFULL on STN
TI Aromatic compounds

L24 ANSWER 73 OF 217 USPATFULL on STN
TI Substituted pyrazoles as p38 kinase inhibitors

L24 ANSWER 74 OF 217 USPATFULL on STN
TI (R)-chiral halogenated substituted N-phenoxy N-phenyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 75 OF 217 USPATFULL on STN
TI 2-aryl indole derivative as antagonists of tachykinins

L24 ANSWER 76 OF 217 USPATFULL on STN
TI Glucagon antagonists/inverse agonists

L24 ANSWER 77 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Phenols Reactions with 1,1-Difluorodichloroethene, 1,2-Di(fluorochloro)ethene, and Trifluorochloroethene

L24 ANSWER 78 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI A method of forming resist patterns in a semiconductor device and a semiconductor washing liquid used in said method

L24 ANSWER 79 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Organic electroluminescent element and display devices

L24 ANSWER 80 OF 217 USPATFULL on STN
TI (R)-chiral halogenated substituted N-benzyl-N-phenyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 81 OF 217 USPATFULL on STN
TI CXCR3 antagonists

L24 ANSWER 82 OF 217 USPATFULL on STN
TI Substituted N-heteroaryl-N-phenyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 83 OF 217 USPATFULL on STN
TI Inhibitors of glycogen synthase kinase 3

L24 ANSWER 84 OF 217 USPATFULL on STN
TI Pyrazolopyrimidines as therapeutic agents

L24 ANSWER 85 OF 217 USPATFULL on STN
TI Novel compounds and their use

L24 ANSWER 86 OF 217 USPATFULL on STN
TI Substituted N, N-disubstituted diamino compounds useful for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 87 OF 217 USPATFULL on STN
TI Antithrombotic agents

L24 ANSWER 88 OF 217 USPATFULL on STN
TI Nitrogen-containing heterocyclic compounds

L24 ANSWER 89 OF 217 USPATFULL on STN
TI Propanoic acid derivatives

L24 ANSWER 90 OF 217 USPATFULL on STN
TI Compounds and compositions as cathepsin S inhibitors

L24 ANSWER 91 OF 217 USPATFULL on STN
TI Inhibitors of glycogen synthase kinase 3

L24 ANSWER 92 OF 217 USPATFULL on STN
TI Use of substituted N, N-bis-benzyl aminoalcohol compounds inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 93 OF 217 USPATFULL on STN
TI Use of substituted N, N-disubstituted cycloalkyl aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 94 OF 217 USPATFULL on STN
TI Spirocyclic ligands for sigma receptors, and libraries and methods of use thereof

L24 ANSWER 95 OF 217 USPATFULL on STN
TI Use of substituted N, N-disubstituted reverse aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 96 OF 217 USPATFULL on STN
TI Use of substituted N, N-bis-phenyl aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 97 OF 217 USPATFULL on STN
TI use of substituted N,N-disubstituted mercapto amino compounds for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 98 OF 217 USPATFULL on STN
TI Substituted N-phenyl-N-heteroaralkyl aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 99 OF 217 USPATFULL on STN
TI Use of substituted N, N-disubstituted fused-heterocyclo amino compounds for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 100 OF 217 USPATFULL on STN
TI Cyclic amine derivatives and their use as drugs

L24 ANSWER 101 OF 217 USPATFULL on STN
TI Use of substituted N,N-disubstituted non-fused heterocyclo amino compounds for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 102 OF 217 USPATFULL on STN
TI Use of substituted N-phenoxy-N-phenyl aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 103 OF 217 USPATFULL on STN
TI Use of substituted N-fused-phenyl-N-benzyl aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity

L24 ANSWER 104 OF 217 USPATFULL on STN
TI Inhibitors of glycogen synthase kinase 3

L24 ANSWER 105 OF 217 USPATFULL on STN
TI Cyclic amine derivatives and their use as drugs

L24 ANSWER 106 OF 217 USPATFULL on STN
TI Method of communicating asynchronous elements from a mini-port driver

L24 ANSWER 107 OF 217 USPATFULL on STN
TI Spirocyclic ketones and their use as tachykinin antagonists

L24 ANSWER 108 OF 217 USPATFULL on STN
TI Cyclic amine derivatives and their use as drugs

L24 ANSWER 109 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI The trifluoromethoxy group:- a long-range electron-withdrawing substituent

L24 ANSWER 110 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Synthesis and preliminary pharmacological evaluation of 4'-arylmethyl analogues of clozapine. I. The effect of aromatic substituents

L24 ANSWER 111 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Phenyl acetylenic compound having cyclopropane- or alkenyl-terminated backbone for LCD liquid crystal composition

L24 ANSWER 112 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Phenyl p-trifluoromethoxybenzoate and liquid crystalline composition containing the ester

L24 ANSWER 113 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Cyclohexyl-substituted phenyl p-trifluoromethoxybenzoate and liquid crystalline composition containing the ester

L24 ANSWER 114 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Phenylethynyl naphthalene derivative for liquid crystal composition for liquid crystal display device

L24 ANSWER 115 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Phenylacetyl compound for nematic liquid crystal composition suitable for liquid crystal display

L24 ANSWER 116 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Liquid crystal medium suitable for active matrix liquid crystal display

L24 ANSWER 117 OF 217 USPATFULL on STN
TI Pattern formation method

L24 ANSWER 118 OF 217 USPATFULL on STN
TI PHENYL POLYHALOALKYL ETHER DERIVATIVES, LIQUID-CRYSTAL COMPOSITION CONTAINING THE SAME, AND LIQUID-CRYSTAL DISPLAY ELEMENT

L24 ANSWER 119 OF 217 USPATFULL on STN
TI Propanoic acid derivatives

L24 ANSWER 120 OF 217 USPATFULL on STN
TI Antithrombotic agents

L24 ANSWER 121 OF 217 USPATFULL on STN
TI Substituted 4-hydroxy-phenylalcanoic acid derivatives with agonist activity to PPAR-gamma

L24 ANSWER 122 OF 217 USPATFULL on STN
TI Fluorine-substituted compounds and ferrielectric liquid-crystal

composition containing the same

L24 ANSWER 123 OF 217 USPATFULL on STN
TI Substituted β -amino acid inhibitors of methionine aminopeptidase-2

L24 ANSWER 124 OF 217 USPATFULL on STN
TI Substituted 3-(benzylamino)piperidine derivatives and their use as therapeutic agents

L24 ANSWER 125 OF 217 USPATFULL on STN
TI 1,3 diazines with platelet-derived growth factor receptor inhibitory activity

L24 ANSWER 126 OF 217 USPATFULL on STN
TI Substituted tricyclics

L24 ANSWER 127 OF 217 USPATFULL on STN
TI Alkoxybenzene derivative, liquid-crystal composition, and liquid-crystal display element

L24 ANSWER 128 OF 217 USPATFULL on STN
TI 1,3 diazines with platelet-derived growth factor receptor inhibitory activity

L24 ANSWER 129 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Phenylacetylene compounds bearing cyclohexyl terminals, liquid crystal compositions, and liquid crystal displays thereof

L24 ANSWER 130 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Alignment layer for a liquid crystal device

L24 ANSWER 131 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Pattern formation method

L24 ANSWER 132 OF 217 USPATFULL on STN
TI Polycyclic thiazolidin-2-ylidene amines, process for their preparation, and their use as pharmaceuticals

L24 ANSWER 133 OF 217 USPATFULL on STN
TI Phenylacetylene compound and liquid crystal composition comprising the same

L24 ANSWER 134 OF 217 USPATFULL on STN
TI Tocolytic oxytocin receptor antagonists

L24 ANSWER 135 OF 217 USPATFULL on STN
TI Spiro-piperidine derivatives and their use as therapeutic agents

L24 ANSWER 136 OF 217 USPATFULL on STN
TI Spiro-piperidine derivatives and their use as therapeutic agents

L24 ANSWER 137 OF 217 USPATFULL on STN
TI Host adapter having paged data buffers for continuously transferring data between a system bus and a peripheral bus

L24 ANSWER 138 OF 217 USPATFULL on STN
TI Method and apparatus for securing software to reduce unauthorized use

L24 ANSWER 139 OF 217 USPATFULL on STN
TI Nitromethyl ketones, process for preparing them and compositions containing them

L24 ANSWER 140 OF 217 USPATFULL on STN
TI Methods and compositions for enhancing sensitivity in the analysis of biological-based assays

L24 ANSWER 141 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Quantitative structure-activity relationship of phenoxy and benzyloxy acid derivatives as antisickling agents

L24 ANSWER 142 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI 1,3-Phenylene derivative for liquid crystal composition and liquid crystal display element using it

L24 ANSWER 143 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Phenylacetylene compound and liquid crystal composition containing the same

L24 ANSWER 144 OF 217 USPATFULL on STN
TI Pyrone derivatives as protease inhibitors and antiviral agents

L24 ANSWER 145 OF 217 USPATFULL on STN
TI Piperazine oxytocin receptor antagonists

L24 ANSWER 146 OF 217 USPATFULL on STN
TI Nitromethyl ketones, process for preparing them and compositions containing them

L24 ANSWER 147 OF 217 USPATFULL on STN
TI Optically active compound of flubrocyclhrinate, a process for preparing the same

L24 ANSWER 148 OF 217 USPATFULL on STN
TI Phenyl spiroethercycloalkyl tachykinin receptor antagonists

L24 ANSWER 149 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Phenyl polyhaloalkyl ether derivatives, liquid-crystal composition containing the same, and liquid-crystal display element

L24 ANSWER 150 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of alkoxybenzene derivatives for liquid-crystal composition and liquid-crystal display element

L24 ANSWER 151 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Racemic benzoate esters, ferrielectric liquid crystal compositions containing them, and active-matrix liquid crystal display

L24 ANSWER 152 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Racemic benzoate esters, ferrielectric liquid crystal compositions containing them, and active-matrix liquid crystal display

L24 ANSWER 153 OF 217 USPATFULL on STN
TI Substituted oximes, hydrazones and olefins as neurokinin antagonists

L24 ANSWER 154 OF 217 USPATFULL on STN
TI Pyrone derivatives as protease inhibitors and antiviral agents

L24 ANSWER 155 OF 217 USPATFULL on STN
TI Spiroketal derivatives, compositions containing them and their use as therapeutic agents

L24 ANSWER 156 OF 217 USPATFULL on STN
TI Tocolytic oxytocin receptor antagonists

L24 ANSWER 157 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Liquid crystal compounds having fluorinated linkages, liquid crystal compositions, and liquid crystal display devices

L24 ANSWER 158 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Agent for improvement of liquid-crystalline properties and antiferroelectric composition containing it for display

L24 ANSWER 159 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of fluorovinylene derivatives as liquid crystals and liquid crystal composition and liquid crystal device containing them

L24 ANSWER 160 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Fluorostilbenes, their preparation, and liquid crystal compositions and elements containing them

L24 ANSWER 161 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Silacyclohexane compound and its manufacture, and liquid crystal composition containing same

L24 ANSWER 162 OF 217 USPATFULL on STN
TI Substituted oximes, hydrazones and olefins as neurokinin antagonists

L24 ANSWER 163 OF 217 USPATFULL on STN
TI Liquid crystalline compound and liquid crystal

L24 ANSWER 164 OF 217 USPATFULL on STN
TI Silacyclohexane compounds, preparation thereof, liquid crystal compositions comprising the same, and liquid crystal devices comprising the compositions

L24 ANSWER 165 OF 217 USPATFULL on STN
TI Fluorobenzene derivatives and liquid-crystalline medium

L24 ANSWER 166 OF 217 USPATFULL on STN
TI Quinoline-4-carbonylguanidine derivatives, process for producing the same and pharmaceutical preparations containing the compounds

L24 ANSWER 167 OF 217 USPATFULL on STN
TI Silacyclohexane compounds, a liquid crystal composition comprising the same and a liquid crystal device comprising the composition

L24 ANSWER 168 OF 217 USPATFULL on STN
TI Silacyclohexane compounds, a liquid crystal composition comprising the same and a liquid crystal device comprising the composition

L24 ANSWER 169 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Phenylbenzyl ether derivative for liquid-crystal display devices

L24 ANSWER 170 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Phenyl benzyl ether derivative mixture for liquid-crystal display device

L24 ANSWER 171 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI 1-(4-Cyclohexylphenyl)-2-phenylethane derivative for liquid crystal display device

L24 ANSWER 172 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Novel silacyclohexane compounds and their preparation as components for liquid-crystal compositions

L24 ANSWER 173 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

TI Novel silacyclohexane compounds, liquid crystal composition using same for liquid crystal device

L24 ANSWER 174 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Novel silacyclohexane compounds a liquid crystal composition comprising the same and a liquid crystal device comprising the composition

L24 ANSWER 175 OF 217 USPATFULL on STN
TI Azolyl methyl phenyl derivatives having aromatase inhibitory activity

L24 ANSWER 176 OF 217 USPATFULL on STN
TI Antitumor compounds

L24 ANSWER 177 OF 217 USPATFULL on STN
TI Liquid crystalline compound and liquid crystal composition

L24 ANSWER 178 OF 217 USPATFULL on STN
TI 5-(2-oxyphenyl)-pyrrole derivatives as dopamine D_{sub.3} receptor antagonists

L24 ANSWER 179 OF 217 USPATFULL on STN
TI Photodefinable polymers containing perfluorocyclobutane groups

L24 ANSWER 180 OF 217 USPATFULL on STN
TI Fluorobenzene derivatives and liquid-crystalline medium

L24 ANSWER 181 OF 217 USPATFULL on STN
TI Halogenation processes in advantageous solvents, and novel bistrifluoromethyl-polyfluoroalkoxybenzenes

L24 ANSWER 182 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Liquid crystalline compounds and liquid crystal composition

L24 ANSWER 183 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of 1,1,2,3,3,3-hexafluoropropyl group-containing liquid-crystal compounds and liquid-crystal formulations containing them

L24 ANSWER 184 OF 217 USPATFULL on STN
TI Process for the α -chlorination of aryl ethers

L24 ANSWER 185 OF 217 USPATFULL on STN
TI Photodefinable polymers containing perfluorocyclobutane groups

L24 ANSWER 186 OF 217 USPATFULL on STN
TI Laminates of polymer having perfluorocyclobutane rings

L24 ANSWER 187 OF 217 USPATFULL on STN
TI Fluorine-containing alkylsuccinic acid diester, process for preparing the same and use thereof

L24 ANSWER 188 OF 217 USPATFULL on STN
TI Difluoromethyl compounds

L24 ANSWER 189 OF 217 USPATFULL on STN
TI Imidazodiazepine derivatives

L24 ANSWER 190 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Diaryl biphenol derivatives and liquid crystal compositions with them

L24 ANSWER 191 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Liquid-crystal compounds having chlorodifluoromethoxyphenyl end groups, mixtures containing them, and their use for optical or electrooptical

purposes

L24 ANSWER 192 OF 217 USPATFULL on STN
TI Substituted phenyl trifluoromethyl ethers

L24 ANSWER 193 OF 217 USPATFULL on STN
TI Laminates of polymers having perfluorocyclobutane rings and polymers containing perfluorocyclobutane rings

L24 ANSWER 194 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of 2-(3-allyl-4-benzyloxy-5-fluorophenyl)pyrimidines and nematic liquid crystal compositions containing them

L24 ANSWER 195 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of trifluoromethyl compounds for super-twisted nematic liquid-crystal display devices

L24 ANSWER 196 OF 217 USPATFULL on STN
TI Pyridazinones endowed with insecticidal and acaricidal activity

L24 ANSWER 197 OF 217 USPATFULL on STN
TI Perfluorocyclobutane ring-containing polymers

L24 ANSWER 198 OF 217 USPATFULL on STN
TI Polybenzazole polymer containing perfluorocyclobutane rings

L24 ANSWER 199 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Synthesis and reactions of difluoromethoxy and difluorochloromethoxy derivatives of benzene

L24 ANSWER 200 OF 217 USPATFULL on STN
TI Perfluorocyclobutane ring-containing polymers

L24 ANSWER 201 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
TI Preparation of 5-(thien-2-yl)-2-phenylthiazoles as photoactive insecticides, acaracides, and nematodes

L24 ANSWER 202 OF 217 USPATFULL on STN
TI Use of fluoromethylphenols as solvents for LC-polymers, and new fluoromethylphenols

L24 ANSWER 203 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Substituted phenyltrifluoromethyl ethers and liquid-crystal phases and display devices containing them

L24 ANSWER 204 OF 217 USPATFULL on STN
TI Tert-butylphenyl compounds useful as anti-inflammatory agents

L24 ANSWER 205 OF 217 USPATFULL on STN
TI 1-hydroxy-2-pyridones, a process for their preparation, and medicaments which contain them, and intermediates formed in the preparation of the 1-hydroxy-2-pyridones

L24 ANSWER 206 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Electrophotographic copying apparatus

L24 ANSWER 207 OF 217 USPATFULL on STN
TI Process for the monohalogenation of alkylbenzenes in the α -position and new alkylbenzenes monohalogenated in the α -position

L24 ANSWER 208 OF 217 USPATFULL on STN

TI Light-sensitive silver halide materials containing fluorine-containing surfactants

L24 ANSWER 209 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Effects of p-trifluoromethoxy and trifluorothiomethoxy substitution on excited states of phenyl ketones

L24 ANSWER 210 OF 217 USPATFULL on STN
TI Process for the preparation of aryl-1,1,2,2-tetrafluoroethyl ethers

L24 ANSWER 211 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Electronic properties of the 1,1,2-trifluoro-2-chloroethoxy group

L24 ANSWER 212 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Nuclear magnetic resonance spectra of aryl difluoromethyl ethers

L24 ANSWER 213 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Electronic nature of the difluoromethoxy, difluoromethylthio, and difluoromethylsulfonyl groups

L24 ANSWER 214 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Electronic spectra of aryl trifluoromethyl sulfides, sulfoxides, sulfones, and aryl trifluoromethyl ethers

L24 ANSWER 215 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI The effect of fluorine substitution on the electronic properties of alkoxy, alkylthio, and alkylsulfonyl groups

L24 ANSWER 216 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Aryl fluoroalkyl ethers and sulfides: Evidence for sulfur d-orbital interaction

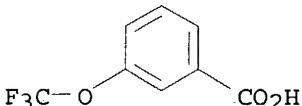
L24 ANSWER 217 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
TI Electronic nature of fluorine-containing substituents

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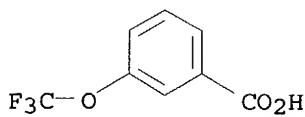
9,11,17,25,35,72,78,79,83,111,114,115,116,118,122,127,130,138,142,143,149,150,157,158,159,160,163,165,168,169,170,177,180,181,182,183,195,202,203,206,211,213,214,215,217 bib fhitstr

L24 ANSWER 9 OF 217 USPATFULL on STN
AN 2004:197393 USPATFULL
TI Compounds
IN Arora, Jalaj, Milton, CANADA
Edwards, Louise, Mississauga, CANADA
Isaac, Methvin, Etoicoke, CANADA
McLeod, Donald A., Salt Lake City, UT, UNITED STATES
Slassi, Abdelmalik, Mississauga, CANADA
Stefanac, Tomislav, Burlington, CANADA
Stormann, Thomas M., Salt Lake City, UT, UNITED STATES
Wensbo, David, Sodertalje, SWEDEN
Xin, Tao, Woodbridge, CANADA
Gyback, Helena, Sodertalje, SWEDEN
Johansson, Martin, Sodertalje, SWEDEN
Kers, Annika, Sodertalje, SWEDEN
Malmberg, John, Sodertalje, SWEDEN
Minidis, Alexander, Sodertalje, SWEDEN
Oscarsson, Karin, Sodertalje, SWEDEN
Waldman, Mangus, Sodertalje, SWEDEN
Yngve, Ulrika, Sodertalje, SWEDEN

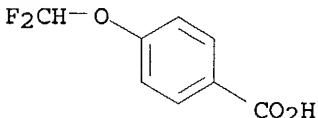
Osterwall, Christoffer, Sodertalje, SWEDEN
 PA AstraZeneca and NPS Pharmaceuticals, Inc. (non-U.S. corporation)
 PI US 2004152699 A1 20040805
 AI US 2003-637012 A1 20030808 (10)
 PRAI US 2002-402040P 20020809 (60)
 DT Utility
 FS APPLICATION
 LREP FOLEY AND LARDNER, SUITE 500, 3000 K STREET NW, WASHINGTON, DC, 20007
 CLMN Number of Claims: 28
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 10692
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 1014-81-9, 3-Trifluoromethoxybenzoic acid
 (preparation of five-membered heterocyclic compds. as mGlu5 receptor
 antagonists)
 RN 1014-81-9 USPATFULL
 CN Benzoic acid, 3-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L24 ANSWER 11 OF 217 USPATFULL on STN
 AN 2004:172562 USPATFULL
 TI New compounds
 IN Arora, Jalaj, Milton, CANADA
 Edwards, Louise, Mississauga, CANADA
 Isaac, Methvin, Etobicoke, CANADA
 McLeod, Donald A., Salt Lake City, UT, UNITED STATES
 Slassi, Abdelmalik, Mississauga, CANADA
 Stefanac, Tomislav, Burlington, CANADA
 Stormann, Thomas M., Salt Lake City, UT, UNITED STATES
 Wensbo, David, Sodertalje, SWEDEN
 Xin, Tao, Woodbridge, CANADA
 Kers, Annika, Sodertalje, SWEDEN
 Malmberg, Johan, Sodertalje, SWEDEN
 Oscarsson, Karin, Sodertalje, SWEDEN
 PA AstraZeneca AB and NPS Pharmaceuticals, Inc. (non-U.S. corporation)
 PI US 2004132726 A1 20040708
 AI US 2003-636965 A1 20030808 (10)
 PRAI US 2002-402039P 20020809 (60)
 DT Utility
 FS APPLICATION
 LREP FOLEY AND LARDNER, SUITE 500, 3000 K STREET NW, WASHINGTON, DC, 20007
 CLMN Number of Claims: 28
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 4643
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 1014-81-9, 3-Trifluoromethoxybenzoic acid
 (reactant; preparation of heterocyclic compds. with affinity to metabotropic
 glutamate receptors (mGluRs) for prevention and/or treatment of mGluRs
 receptor-mediated disorders)
 RN 1014-81-9 USPATFULL
 CN Benzoic acid, 3-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

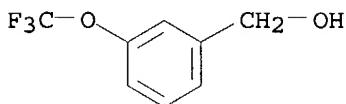


L24 ANSWER 17 OF 217 USPATFULL on STN
 AN 2004:94656 USPATFULL
 TI Method of forming resist patterns in a semiconductor device
 and a semiconductor washing liquid used in said method
 IN Hyon, Man-Sok, Gyeonggi-do, KOREA, REPUBLIC OF
 PI US 2004072108 A1 20040415
 AI US 2003-469175 A1 20030821 (10)
 WO 2002-KR188 20020207
 PRAI KR 2001-8876 20010222
 DT Utility
 FS APPLICATION
 LREP Jonathan Y Kang, Lee Hong Degerman Kang & Schmadeka, 14th Floor, 801
 South Figueroa Street, Los Angeles, CA, 90017
 CLMN Number of Claims: 25
 ECL Exemplary Claim: 1
 DRWN 6 Drawing Page(s)
 LN.CNT 545
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 4837-20-1, 4-(Difluoromethoxy)benzoic acid
 (method of forming resist patterns in semiconductor device and
 semiconductor washing liquid used in said method)
 RN 4837-20-1 USPATFULL
 CN Benzoic acid, 4-(difluoromethoxy)- (9CI) (CA INDEX NAME)



L24 ANSWER 25 OF 217 USPATFULL on STN
 AN 2004:19463 USPATFULL
 TI Novel compounds and their use
 IN Nilsson, Bjorn M., Uppsala, SWEDEN
 PA Biovitrum AB, a Swedish corporation (non-U.S. corporation)
 PI US 2004014767 A1 20040122
 AI US 2003-618868 A1 20030714 (10)
 RLI Division of Ser. No. US 2001-989358, filed on 20 Nov 2001, GRANTED, Pat.
 No. US 6593330
 PRAI SE 2000-4245 20001120
 US 2000-253509P 20001128 (60)
 DT Utility
 FS APPLICATION
 LREP FISH & RICHARDSON PC, 225 FRANKLIN ST, BOSTON, MA, 02110
 CLMN Number of Claims: 25
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 3005
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 50823-90-0, 3-Trifluoromethoxybenzyl alcohol
 (reactant; preparation of piperazinylpyrazines and analogs as serotonin
 5HT2C receptor modulators for treatment of CNS disorders)
 RN 50823-90-0 USPATFULL

CN Benzenemethanol, 3-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L24 ANSWER 35 OF 217 USPATFULL on STN

AN 2003:266003 USPATFULL

TI Chemical compounds

IN Astles, Peter C., Sevenoaks, UNITED KINGDOM
Eastwood, Paul R., Romford, UNITED KINGDOM
Houille, Olivier, Paris, FRANCE
Levell, Julian, Summit, NJ, UNITED STATES
Pauls, Heinz, Flemington, NJ, UNITED STATES
Czekaj, Mark, Doylestown, PA, UNITED STATES
Liang, Guyan, Woodbridge, NJ, UNITED STATES
Gong, Yong, Bridgewater, NJ, UNITED STATES
Pribish, James, Stewartsville, NJ, UNITED STATES
Neuenschwander, Kent, Bridgewater, NJ, UNITED STATES

PI US 2003187020 A1 20031002

AI US 2001-843126 A1 20010426 (9)

PRAI GB 2000-12362 20000522

DT Utility

FS APPLICATION

LREP AVENTIS PHARMACEUTICALS, INC., PATENTS DEPARTMENT, ROUTE 202-206, P.O.
BOX 6800, BRIDGEWATER, NJ, 08807-0800

CLMN Number of Claims: 72

ECL Exemplary Claim: 1

DRWN No Drawings

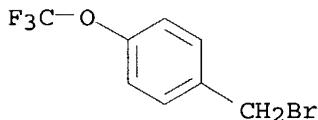
LN.CNT 5893

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 50824-05-0, 4-(Trifluoromethoxy)benzyl bromide
(reactant; preparation of (hetero)arylacyl-piperidinyl-benzylamines for use
as tryptase inhibitors)

RN 50824-05-0 USPATFULL

CN Benzene, 1-(bromomethyl)-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L24 ANSWER 72 OF 217 USPATFULL on STN

AN 2003:184163 USPATFULL

TI Aromatic compounds

IN Kristiansen, Marit, S.o slashed.borg, DENMARK
Jakobsen, Palle, V.ae butted.rl.o slashed.se, DENMARK
Lundbeck, Jane Marie, Glostrup, DENMARK

PA Novo Nordisk A/S, Bagsvaerd, DENMARK (non-U.S. corporation)

PI US 6590118 B1 20030708

AI US 2000-672460 20000928 (9)

PRAI DK 1999-1384 19990929
US 1999-159261P 19991013 (60)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Richter, Johann; Assistant Examiner: Zucker, Paul A.

LREP Agris, Cheryl H., Green, Reza

CLMN Number of Claims: 9

ECL Exemplary Claim: 1

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

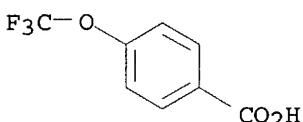
LN.CNT 2749

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 330-12-1, 4-Trifluoromethoxybenzoic acid
(preparation of phenoxyphthalic acids and esters as antidiabetics)

RN 330-12-1 USPATFULL

CN Benzoic acid, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L24 ANSWER 78 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:658395 CAPLUS

DN 137:193937

TI A method of forming resist patterns in a semiconductor device
and a semiconductor washing liquid used in said method

IN Hyon, Man-Sok

PA S. Korea

SO PCT Int. Appl., 30 pp.

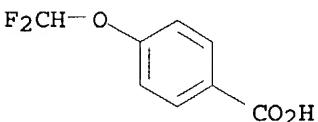
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002067304	A1	20020829	WO 2002-KR188	20020207
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	KR 2002068679	A	20020828	KR 2001-8876	20010222
	US 2004072108	A1	20040415	US 2003-469175	20030821
PRAI	KR 2001-8876	A	20010222		
	WO 2002-KR188	W	20020207		
IT	4837-20-1, 4-(Difluoromethoxy)benzoic acid				
	RL: NUU (Other use, unclassified); USES (Uses)				
	(method of forming resist patterns in semiconductor device and semiconductor washing liquid used in said method)				
RN	4837-20-1 CAPLUS				
CN	Benzoic acid, 4-(difluoromethoxy)- (9CI) (CA INDEX NAME)				



RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 79 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:734318 CAPLUS
DN 137:270136
TI Organic electroluminescent element and display devices
IN Naito, Katsuyuki
PA Toshiba Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 17 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

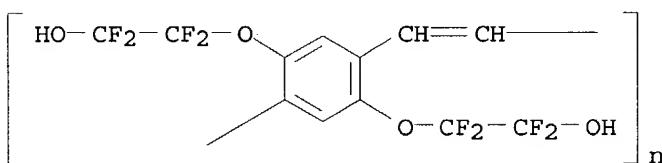
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2002280177	A2	20020927	JP 2001-74540	20010315
PRAI JP 2001-74540		20010315		

IT 462631-44-3

RL: DEV (Device component use); USES (Uses)
(organic electroluminescent element and display devices)

RN 462631-44-3 CAPLUS

CN Poly[[2,5-bis(1,1,2,2-tetrafluoro-2-hydroxyethoxy)-1,4-phenylene]-1,2-ethenediyl] (9CI) (CA INDEX NAME)



L24 ANSWER 83 OF 217 USPATFULL on STN

AN 2002:280641 USPATFULL

TI Inhibitors of glycogen synthase kinase 3

IN Nuss, John M., Danville, CA, UNITED STATES

Harrison, Stephen D., Albany, CA, UNITED STATES

Ring, David B., Palo Alto, CA, UNITED STATES

Boyce, Rustum S., San Francisco, CA, UNITED STATES

Johnson, Kirk, Moraga, CA, UNITED STATES

Pfister, Keith B., San Ramon, CA, UNITED STATES

Ramurthy, Savithri, Walnut Creek, CA, UNITED STATES

Seely, Lynn, Burlingame, CA, UNITED STATES

Wagman, Allan S., Oakland, CA, UNITED STATES

Desai, Manjo, Pleasant Hill, CA, UNITED STATES

Levine, Barry H., Lafayette, CA, UNITED STATES

PI US 2002156087 A1 20021024

AI US 2001-949035 A1 20010906 (9)

RLI Continuation-in-part of Ser. No. US 1999-336038, filed on 18 Jun 1999,
GRANTED, Pat. No. US 6417185

PRAI US 2000-230480P 20000906 (60)

DT Utility

FS APPLICATION

LREP CHRISTENSEN, O'CONNOR, JOHNSON, KINDNESS, PLLC, 1420 FIFTH AVENUE, SUITE
2800, SEATTLE, WA, 98101-2347

CLMN Number of Claims: 103

ECL Exemplary Claim: 1

DRWN No Drawings

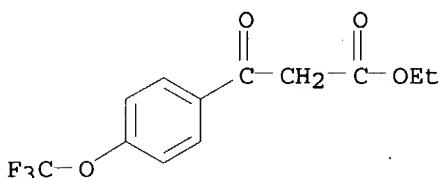
LN.CNT 10429

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 252955-06-9, Benzenepropanoic acid, β -oxo-4-(trifluoromethoxy)-, ethyl ester
 (preparation of aminopyrimidines and -pyridines as glycogen synthase kinase 3 inhibitors)

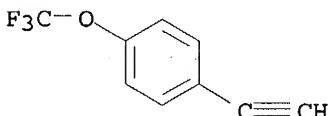
RN 252955-06-9 USPATFULL

CN Benzenepropanoic acid, β -oxo-4-(trifluoromethoxy)-, ethyl ester (9CI)
 (CA INDEX NAME)



L24 ANSWER 111 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2001:793422 CAPLUS
 DN 135:350652
 TI Phenyl acetylenic compound having cyclopropane- or alkenyl-terminated backbone for LCD liquid crystal composition
 IN Sekine, Chizu; Fujisawa, Koichi; Iwakura, Kazunori; Minamii, Masayoshi
 PA Agency of Industrial Sciences and Technology, Japan; Shin Energy Sangyo Gijutsu Sogo Kaihatsu Kiko; Sumitomo Chemical Co., Ltd.
 SO Jpn. Kokai Tokkyo Koho, 22 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001302579	A2	20011031	JP 2000-124957	20000425
	DE 10120024	A1	20011122	DE 2001-10120024	20010424
	GB 2364050	A1	20020116	GB 2001-10057	20010424
	GB 2364050	B2	20040512		
	US 2001050353	A1	20011213	US 2001-840983	20010425
	US 6623810	B2	20030923		
PRAI	JP 2000-124957	A	20000425		
	JP 2000-124958	A	20000425		
	JP 2000-152867	A	20000524		
OS	MARPAT 135:350652				
IT	160542-02-9				
	RL: RCT (Reactant); RACT (Reactant or reagent) (preparation of Ph acetylenic compound having cyclopropane- or alkenyl-terminated backbone for LCD liquid crystal composition)				
RN	160542-02-9 CAPLUS				
CN	Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				



L24 ANSWER 114 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2001:38472 CAPLUS
 DN 134:108107

TI Phenylethynyl naphthalene derivative for liquid crystal composition for liquid crystal display device

IN Osawa, Masashi; Takehara, Sadao; Takatsu, Haruyoshi

PA Dainippon Ink and Chemicals, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 43 pp.

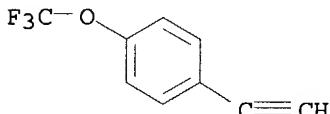
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2001011004	A2	20010116	JP 1999-185440	19990630
PRAI JP 1999-185440				
OS MARPAT 134:108107				
IT 160542-02-9P				
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
(Phenylethynyl naphthalene derivative for liquid crystal composition for liquid crystal display device)				
RN 160542-02-9 CAPLUS				
CN Benzene, 1-ethynyl-4-(trifluoromethoxy) - (9CI) (CA INDEX NAME)				



L24 ANSWER 115 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2001:850705 CAPLUS

DN 135:378849

TI Phenylacetyl compound for nematic liquid crystal composition suitable for liquid crystal display

IN Sekine, Chizu; Fujisawa, Koichi; Iwakura, Kazunori; Minai, Masayoshi

PA Sumitomo Chemical Co., Ltd., Japan

SO Ger. Offen., 90 pp.

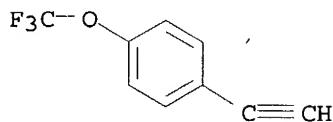
CODEN: GWXXBX

DT Patent

LA German

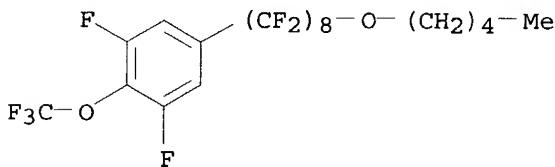
FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 10120024	A1	20011122	DE 2001-10120024	20010424
JP 2001302579	A2	20011031	JP 2000-124957	20000425
JP 2001302580	A2	20011031	JP 2000-124958	20000425
JP 2001329264	A2	20011127	JP 2000-152867	20000524
PRAI JP 2000-124957	A	20000425		
JP 2000-124958	A	20000425		
JP 2000-152867	A	20000524		
OS MARPAT 135:378849				
IT 160542-02-9				
RL: RCT (Reactant); RACT (Reactant or reagent)				
(synthesis of new phenylacetyl compound for nematic liquid crystal composition,				
showing larger refractive index anisotropy, suitable for liquid crystal display)				
RN 160542-02-9 CAPLUS				
CN Benzene, 1-ethynyl-4-(trifluoromethoxy) - (9CI) (CA INDEX NAME)				



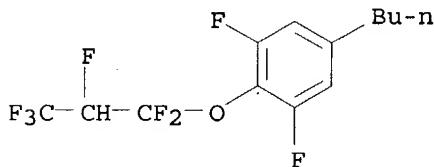
L24 ANSWER 116 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2001:136711 CAPLUS
 DN 134:186068
 TI Liquid crystal medium suitable for active matrix liquid crystal display
 IN Kirsch, Peer; Heckmeier, Michael; Krause, Joachim; Schuler, Brigitte
 PA Merck Patent G.m.b.H., Germany
 SO Ger. Offen., 30 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10018086	A1	20010222	DE 2000-10018086	20000412
PRAI	DE 1999-19918010	A1	19990421		
OS	MARPAT 134:186068				
IT	326602-36-2P				
	RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (preparation of liquid crystal medium suitable for active matrix liquid crystal display)				
RN	326602-36-2 CAPLUS				
CN	Benzene, 1,3-difluoro-5-[1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-hexadecafluoro-8-(pentyloxy)octyl]-2-(trifluoromethoxy) - (9CI) (CA INDEX NAME)				

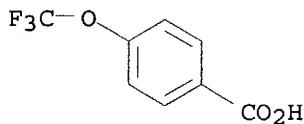


L24 ANSWER 118 OF 217 USPATFULL on STN
 AN 2001:149676 USPATFULL
 TI PHENYL POLYHALOALKYL ETHER DERIVATIVES, LIQUID-CRYSTAL COMPOSITION CONTAINING THE SAME, AND LIQUID-CRYSTAL DISPLAY ELEMENT
 IN SHIBATA, KOUICHI, CHIBA, Japan
 MATSUI, SHUICHI, CHIBA, Japan
 MIYAZAWA, KAZUTOSHI, CHIBA, Japan
 TAKEUCHI, HIROYUKI, CHIBA, Japan
 HISATSUNE, YASUSUKE, CHIBA, Japan
 TAKESHITA, FUSAYUKI, CHIBA, Japan
 NAKAGAWA, ETSUO, CHIBA, Japan
 PI US 2001019121 A1 20010906
 AI US 1999-308039 A1 19990713 (9)
 WO 1997-JP4114 19971112
 None PCT 102(e) date
 PRAI JP 1996-316958 19961113
 DT Utility

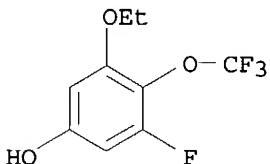
FS APPLICATION
 LREP WENDEROTH LIND & PONACK, 2033 K STREET NW, SUITE 800, WASHINGTON, DC,
 20006
 CLMN Number of Claims: 14
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 1888
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 207614-76-4
 (preparation of Ph polyhaloalkyl ether derivs., liquid-crystal composition
 containing
 them, and liquid-crystal display element)
 RN 207614-76-4 USPATFULL
 CN Benzene, 5-butyl-1,3-difluoro-2-(1,1,2,3,3,3-hexafluoropropoxy)- (9CI)
 (CA INDEX NAME)



L24 ANSWER 122 OF 217 USPATFULL on STN
 AN 2001:107382 USPATFULL
 TI Fluorine-substituted compounds and ferrielectric liquid-crystal
 composition containing the same
 IN Johno, Masahiro, Katsushika-ku, Japan
 Motoyama, Yuki, Katsushika-ku, Japan
 Matsumoto, Takahiro, Katsushika-ku, Japan
 Mineta, Hiroshi, Chiyoda-ku, Japan
 Yui, Tomoyuki, Katsushika-ku, Japan
 PA Mitsubishi Gas Chemical Company INC, Tokyo, Japan (non-U.S. corporation)
 PI US 6258296 B1 20010710
 WO 9962860 19991209
 AI US 2000-462988 20000119 (9)
 WO 1999-JP2838 19990528
 20000119 PCT 371 date
 20000119 PCT 102(e) date
 PRAI JP 1998-149599 19980529
 JP 1998-180898 19980626
 DT Utility
 FS GRANTED
 EXNAM Primary Examiner: Wu, Shean C.
 CLMN Number of Claims: 16
 ECL Exemplary Claim: 5
 DRWN 2 Drawing Figure(s); 1 Drawing Page(s)
 LN.CNT 551
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 330-12-1, p-Trifluoromethoxybenzoic acid
 (fluorine-substituted compds. for ferrielec. liquid-crystal composition)
 RN 330-12-1 USPATFULL
 CN Benzoic acid, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



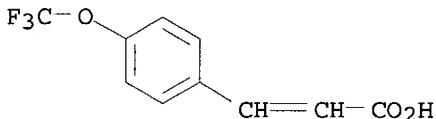
L24 ANSWER 127 OF 217 USPATFULL on STN
 AN 2001:10616 USPATFULL
 TI Alkoxybenzene derivative, liquid-crystal composition, and liquid-crystal display element
 IN Matsui, Shuichi, Chiba, Japan
 Andou, Tugumiti, Chiba, Japan
 Miyazawa, Kazutoshi, Chiba, Japan
 Takeuchi, Hiroyuki, Chiba, Japan
 Hisatsune, Yasusuke, Chiba, Japan
 Takeshita, Fusayuki, Chiba, Japan
 Nakagawa, Etsuo, Chiba, Japan
 PA Chisso Corporation, Osaka, Japan (non-U.S. corporation)
 PI US 6177154 B1 20010123
 WO 9812166 19980326
 AI US 1999-254682 19990316 (9)
 WO 1997-JP3258 19970916
 19990316 PCT 371 date
 19990316 PCT 102(e) date
 PRAI JP 1996-266804 19960917
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Wu, Shean C.
 LREP Wenderoth, Lind & Ponack, L.L.P.
 CLMN Number of Claims: 22
 ECL Exemplary Claim: 16
 DRWN No Drawings
 LN.CNT 2135
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 204654-96-6P
 (preparation of alkoxybenzene derivs. for liquid-crystal composition and liquid-crystal display element)
 RN 204654-96-6 USPATFULL
 CN Phenol, 3-ethoxy-5-fluoro-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L24 ANSWER 130 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2001:2053 CAPLUS
 DN 134:49283
 TI Alignment layer for a liquid crystal device
 IN Nam, Mi Sook; Choi, Young Seok
 PA LG. Philips LCD Co., Ltd., S. Korea
 SO Brit. UK Pat. Appl., 38 pp.
 CODEN: BAXXDU
 DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2348294	A1	20000927	GB 2000-7431	20000327
	GB 2348294	B2	20020306		
PRAI	KR 1999-10241	A	19990325		
IT	783-13-1DP, reaction products with Hydroxyethyl cellulose RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (alignment layer for liquid crystal display device)				
RN	783-13-1 CAPLUS				
CN	2-Propenoic acid, 3-[4-(trifluoromethoxy)phenyl]- (9CI) (CA INDEX NAME)				



L24 ANSWER 138 OF 217 USPATFULL on STN

AN 2000:39023 USPATFULL

TI Method and apparatus for securing software to reduce unauthorized use
IN Colvin, David S., Commerce Township, Oakland County, MI, United States
PA Z4 Technologies, Inc., Commerce Township, MI, United States (U.S.
corporation)

PI US 6044471 20000328

AI US 1998-90620 19980604 (9)

DT Utility

FS Granted

EXNAM Primary Examiner: Beausoliel, Jr., Robert W.; Assistant Examiner: Revak,
Christopher A.

LREP Brooks & Kushman P.C.

CLMN Number of Claims: 45

ECL Exemplary Claim: 10

DRWN 6 Drawing Figure(s); 6 Drawing Page(s)

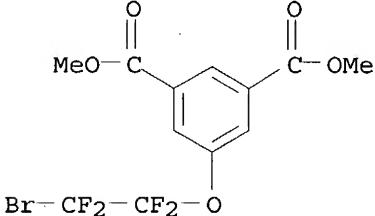
LN.CNT 782

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 252975-66-9P

(aromatic polymers with pendant fluorinated ionic groups)

RN 252975-66-9 USPATFULL

CN 1,3-Benzenedicarboxylic acid, 5-(2-bromo-1,1,2,2-tetrafluoroethoxy)-,
dimethyl ester (9CI) (CA INDEX NAME)

L24 ANSWER 142 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

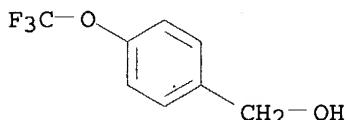
AN 1999:802805 CAPLUS

DN 132:57204

TI 1,3-Phenylene derivative for liquid crystal composition and liquid crystal
display element using it

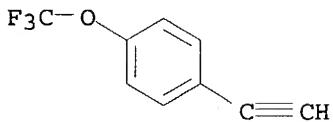
IN Ogawa, Saneharu; Takehara, Sadao; Kozu, Haruyoshi
 PA Dainippon Ink and Chemicals, Inc., Japan
 SO Jpn. Kokai Tokkyo Koho, 10 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11349515	A2	19991221	JP 1998-162026	19980610
PRAI	JP 1998-162026		19980610		
OS	MARPAT 132:57204				
IT	1736-74-9, 4-Trifluoromethoxybenzylalcohol RL: RCT (Reactant); RACT (Reactant or reagent) (preparation of 1,3-phenylene derivative liquid crystal composition)				
RN	1736-74-9 CAPLUS				
CN	Benzenemethanol, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				



L24 ANSWER 143 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1999:561819 CAPLUS
 DN 131:177466
 TI Phenylacetylene compound and liquid crystal composition containing the same
 IN Sekine, Chizu; Fujisawa, Koichi; Konya, Naoto; Minai, Masayoshi
 PA Sumitomo Chemical Co., Ltd., Japan
 SO Ger. Offen., 62 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19907941	A1	19990826	DE 1999-19907941	19990224
	JP 2000198755	A2	20000718	JP 1999-45303	19990223
	GB 2334718	A1	19990901	GB 1999-4388	19990225
	GB 2334718	B2	20000913		
	US 6149837	A	20001121	US 1999-257065	19990225
	JP 2000219882	A2	20000808	JP 1999-81310	19990325
PRAI	JP 1998-43289	A	19980225		
	JP 1998-309091	A	19981029		
	JP 1998-335336	A	19981126		
OS	MARPAT 131:177466				
IT	160542-02-9P RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of phenylacetylene compound for liquid crystal composition)				
RN	160542-02-9 CAPLUS				
CN	Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				



L24 ANSWER 149 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:341533 CAPLUS

DN 129:21744

TI Phenyl polyhaloalkyl ether derivatives, liquid-crystal composition containing the same, and liquid-crystal display element

IN Shibata, Kouichi; Matsui, Shuichi; Miyazawa, Kazutoshi; Takeuchi, Hiroyuki; Hisatsune, Yasusuke; Takeshita, Fusayuki; Nakagawa, Etsuo

PA Chisso Corp., Japan; Shibata, Kouichi; Matsui, Shuichi; Miyazawa, Kazutoshi; Takeuchi, Hiroyuki; Hisatsune, Yasusuke; Takeshita, Fusayuki; Nakagawa, Etsuo

SO PCT Int. Appl., 79 pp.

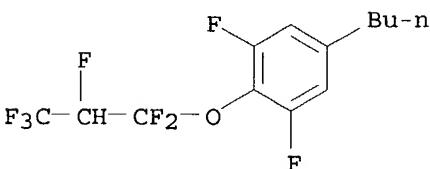
CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9821172	A1	19980522	WO 1997-JP4114	19971112
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, ID, IL, IS, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	JP 10139709	A2	19980526	JP 1996-316958	19961113
	AU 9749642	A1	19980603	AU 1997-49642	19971112
	EP 945422	A1	19990929	EP 1997-912427	19971112
	R: DE, FR, GB				
	US 2001019121	A1	20010906	US 1999-308039	19990713
PRAI	JP 1996-316958	A	19961113		
	WO 1997-JP4114	W	19971112		
IT	207614-76-4				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(preparation of Ph polyhaloalkyl ether derivs., liquid-crystal composition containing				
	them, and liquid-crystal display element)				
RN	207614-76-4	CAPLUS			
CN	Benzene, 5-butyl-1,3-difluoro-2-(1,1,2,3,3,3-hexafluoropropoxy)- (9CI) (CA INDEX NAME)				

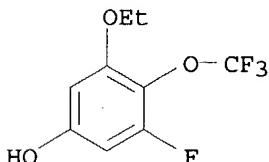
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 150 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:197478 CAPLUS
 DN 128:237548
 TI Preparation of alkoxybenzene derivatives for liquid-crystal composition
 and liquid-crystal display element
 IN Matsui, Shuichi; Ando, Tsugumichi; Miyazawa, Kazutoshi; Takeuchi,
 Hiroyuki; Hisatsune, Yasusuke; Takeshita, Fusayuki; Nakagawa, Etsuo
 PA Chisso Corporation, Japan; Matsui, Shuichi; Ando, Tsugumichi; Miyazawa,
 Kazutoshi; Takeuchi, Hiroyuki; Hisatsune, Yasusuke; Takeshita, Fusayuki;
 Nakagawa, Etsuo
 SO PCT Int. Appl., 134 pp.
 CODEN: PIXXD2

DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9812166	A1	19980326	WO 1997-JP3258	19970916
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, ID, IL, IS, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	JP 10087543	A2	19980407	JP 1996-266804	19960917
	AU 9742212	A1	19980414	AU 1997-42212	19970916
	US 6177154	B1	20010123	US 1999-254682	19990316
PRAI	JP 1996-266804	A	19960917		
	WO 1997-JP3258	W	19970916		
OS	MARPAT	128:237548			
IT	204654-96-6P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(preparation of alkoxybenzene derivs. for liquid-crystal composition and liquid-crystal display element)				
RN	204654-96-6	CAPLUS			
CN	Phenol, 3-ethoxy-5-fluoro-4-(trifluoromethoxy) - (9CI) (CA INDEX NAME)				

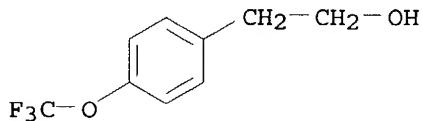


RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 157 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1997:684374 CAPLUS
 DN 127:313199
 TI Liquid crystal compounds having fluorinated linkages, liquid crystal
 compositions, and liquid crystal display devices
 IN Matsui, Shuichi; Koizumi, Yasuyuki; Miyazawa, Kazutoshi; Sekiguchi,
 Yasuko; Nakagawa, Etsuo
 PA Chisso Corp., Japan
 SO PCT Int. Appl., 147 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9737959	A1	19971016	WO 1997-JP1213	19970409
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	JP 09278698	A2	19971028	JP 1996-88507	19960410
	TW 442558	B	20010623	TW 1997-86104468	19970408
	AU 9725214	A1	19971029	AU 1997-25214	19970409
	EP 893423	A1	19990127	EP 1997-916638	19970409
	EP 893423	B1	20040901		
	R: DE, FR, GB				
PRAI	JP 1996-88507	A	19960410		
	WO 1997-JP1213	W	19970409		
OS	MARPAT 127:313199				
IT	196811-90-2P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(preparation of liquid crystal compds. having fluorinated linkages)				
RN	196811-90-2 CAPLUS				
CN	Benzeneethanol, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				



L24 ANSWER 158 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1997:754496 CAPLUS

DN 128:82273

TI Agent for improvement of liquid-crystalline properties and antiferroelectric composition containing it for display

IN Aihara, Yoshihiko; Mogamiya, Hiroyuki; Hashimoto, Shigeji; Obayashi, Ichiro

PA Showa Shell Sekiyu K. K., Japan

SO Jpn. Kokai Tokkyo Koho, 11 pp.

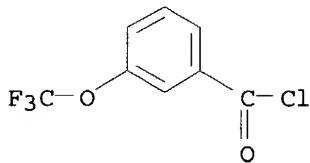
CODEN: JKXXAF

DT Patent

LA Japanese

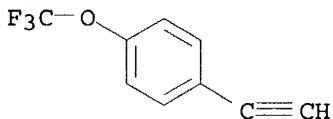
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09302347	A2	19971125	JP 1996-143642	19960514
PRAI	JP 1996-143642		19960514		
OS	MARPAT 128:82273				
IT	86270-03-3				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(trifluoromethoxyphenylcarboxylic acid ester modifier for antiferroelec. liquid-crystal display composition)				
RN	86270-03-3 CAPLUS				
CN	Benzoyl chloride, 3-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				



L24 ANSWER 159 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1997:732324 CAPLUS
 DN 128:8944
 TI Preparation of fluorovinylene derivatives as liquid crystals and liquid crystal composition and liquid crystal device containing them
 IN Fujimoto, Yukari; Miyamoto, Yasunobu; Minamii, Masayoshi
 PA Sumitomo Chemical Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 16 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

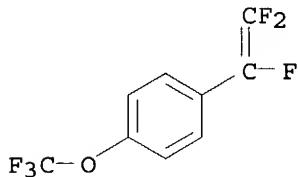
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 09291050	A2	19971111	JP 1996-105648	19960425
PRAI JP 1996-105648			19960425	
OS MARPAT 128:8944				
IT 160542-02-9, 4-Ethynyl-1-trifluoromethoxybenzene				
RL: RCT (Reactant); RACT (Reactant or reagent)				
(preparation of fluorovinylene derivs. as liquid crystals and liquid crystal composition and liquid crystal device containing them)				
RN 160542-02-9 CAPLUS				
CN Benzene, 1-ethynyl-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				



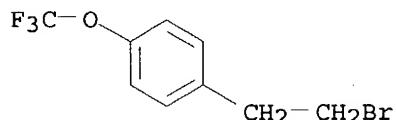
L24 ANSWER 160 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1997:699190 CAPLUS
 DN 128:28926
 TI Fluorostilbenes, their preparation, and liquid crystal compositions and elements containing them
 IN Fujimoto, Yukari; Miyamoto, Yasunobu; Minamii, Masayoshi
 PA Sumitomo Chemical Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 15 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 09278688	A2	19971028	JP 1996-88028	19960410
PRAI JP 1996-88028			19960410	
OS MARPAT 128:28926				
IT 199450-87-8, 4-(Trifluoromethoxy)phenyl-1,1,2-trifluoroethylene				
RL: RCT (Reactant); RACT (Reactant or reagent)				
(in preparation of liquid crystal fluorostilbenes)				

RN 199450-87-8 CAPLUS
 CN Benzene, 1-(trifluoroethenyl)-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

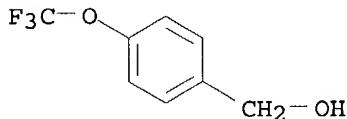


L24 ANSWER 163 OF 217 USPATFULL on STN
 AN 97:86203 USPATFULL
 TI Liquid crystalline compound and liquid crystal
 IN Miyazawa, Kazutoshi, Chiba, Japan
 Matsui, Shuichi, Chiba, Japan
 Goto, Yasuyuki, Chiba, Japan
 Nakagawa, Etsuo, Chiba, Japan
 Sawada, Shinichi, Chiba, Japan
 PA Chisso Corporation, Osaka-fu, Japan (non-U.S. corporation)
 PI US 5670085 19970923
 AI US 1996-588434 19960118 (8)
 RLI Continuation of Ser. No. US 1995-410297, filed on 24 Mar 1995, now
 patented, Pat. No. US 5534187
 PRAI JP 1994-58705 19940329
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Wu, Shean C.
 LREP Wenderoth, Lind & Ponack
 CLMN Number of Claims: 13
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 1190
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 115519-20-5P
 (liquid crystalline compds. for liquid crystal composition from)
 RN 115519-20-5 USPATFULL
 CN Benzene, 1-(2-bromoethyl)-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L24 ANSWER 165 OF 217 USPATFULL on STN
 AN 97:53881 USPATFULL
 TI Fluorobenzene derivatives and liquid-crystalline medium
 IN Reiffenrath, Volker, Roßdorf, Germany, Federal Republic of
 Kurmeier, Hans Adolf, Seeheim-Jugenheim, Germany, Federal Republic of
 Poetsch, Eike, Muhlthal, Germany, Federal Republic of
 Plach, Herbert, Darmstadt, Germany, Federal Republic of
 Finkenzeller, Ulrich, Plankstadt, Germany, Federal Republic of
 Bartmann, Ekkehard, Erzhausen, Germany, Federal Republic of
 Krause, Joachim, Dieburg, Germany, Federal Republic of
 Scheuble, Bernhard, Seeheim-Jugenheim, Germany, Federal Republic of
 PA Merck Patent Gesellschaft Mit Beschränkter Haftung, Darmstadt, Germany,
 Federal Republic of (non-U.S. corporation)

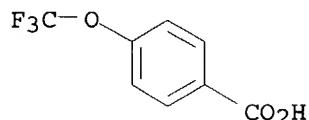
PI US 5641429 19970624
 AI US 1995-529393 19950918 (8)
 RLI Division of Ser. No. US 1994-229842, filed on 12 Apr 1994, now patented,
 Pat. No. US 5487845 which is a continuation of Ser. No. US 1990-623385,
 filed on 19 Nov 1990, now abandoned
 PRAI DE 1989-3929525 19890906
 DE 1989-3929526 19890906
 DE 1989-3929764 19890907
 DE 1990-4009907 19900328
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Tucker, Philip
 LREP Millen, White, Zelano, & Branigan, P.C.
 CLMN Number of Claims: 21
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 1474
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 1736-74-9
 (reaction of, in formation of substituted phenyltrifluoromethyl ethers
 for liquid-crystal phases)
 RN 1736-74-9 USPATFULL
 CN Benzenemethanol, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L24 ANSWER 168 OF 217 USPATFULL on STN
 AN 97:5672 USPATFULL
 TI Silacyclohexane compounds, a liquid crystal composition comprising the
 same and a liquid crystal device comprising the composition
 IN Shimizu, Takaaki, Niigata-ken, Japan
 Kinsho, Takeshi, Niigata-ken, Japan
 Ogihara, Tsutomu, Niigata-ken, Japan
 Kaneko, Tatsushi, Niigata-ken, Japan
 Nakashima, Mutsuo, Niigata-ken, Japan
 Kurihara, Hideshi, Kawasaki, Japan
 PA Shin-Etsu Chemical Co., Ltd., Tokyo, Japan (non-U.S. corporation)
 PI US 5595686 19970121
 AI US 1995-523095 19950901 (8)
 PRAI JP 1994-234243 19940902
 JP 1994-301327 19941110
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Wu, Shean C.
 LREP Lowe, Price, LeBlanc & Becker
 CLMN Number of Claims: 15
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 1415
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 330-12-1, 4-Trifluoromethoxybenzoic acid
 (esterification reaction for the preparation of silacyclohexane compds. of a
 liquid crystal composition and a liquid crystal display device comprising
 same
 composition)
 RN 330-12-1 USPATFULL

10/669,404

CN Benzoic acid, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L24 ANSWER 169 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1996:485251 CAPLUS

DN 125:154611

TI Phenylbenzyl ether derivative for liquid-crystal display devices

IN Takehara, Sadao; Takatsu, Haruyoshi; Ogawa, Shinji

PA Dainippon Ink & Chemicals, Japan

SO Jpn. Kokai Tokkyo Koho, 13 pp.

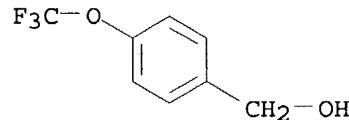
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08120268	A2	19960514	JP 1994-256730	19941021
PRAI	JP 1994-256730		19941021		
IT	1736-74-9, 4-Trifluoromethoxybenzyl alcohol				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(preparation of deuterated phenylbenzyl ether derivative)				
RN	1736-74-9 CAPLUS				
CN	Benzenemethanol, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				



L24 ANSWER 170 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1996:478648 CAPLUS

DN 125:154609

TI Phenyl benzyl ether derivative mixture for liquid-crystal display device

IN Takehara, Sadao; Takatsu, Haruyoshi; Ogawa, Shinji

PA Dainippon Ink & Chemicals, Japan

SO Jpn. Kokai Tokkyo Koho, 13 pp.

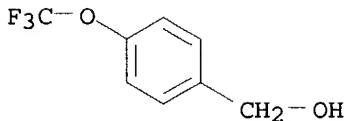
CODEN: JKXXAF

DT Patent

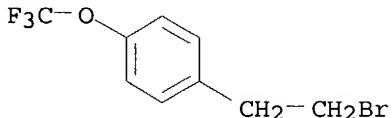
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08113548	A2	19960507	JP 1994-247751	19941013
PRAI	JP 1994-247751		19941013		
OS	MARPAT 125:154609				
IT	1736-74-9, 4-Trifluoromethoxybenzyl alcohol				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(deuterated Ph benzyl ether derivative mixture with good stability at low temperature for liquid-crystal display device)				
RN	1736-74-9 CAPLUS				
CN	Benzenemethanol, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				

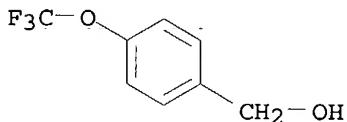


L24 ANSWER 177 OF 217 USPATFULL on STN
 AN 96:60376 USPATFULL
 TI Liquid crystalline compound and liquid crystal composition
 IN Miyazawa, Kazutoshi, Chiba, Japan
 Matsui, Shuichi, Chiba, Japan
 Goto, Yasuyuki, Chiba, Japan
 Nakagawa, Etsuo, Chiba, Japan
 Sawada, Shinichi, Chiba, Japan
 PA Chisso Corporation, Osaka, Japan (non-U.S. corporation)
 PI US 5534187 19960709
 AI US 1995-410297 19950324 (8)
 PRAI JP 1994-58705 19940329
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Wu, Shean C.
 LREP Wenderoth, Lind & Ponack
 CLMN Number of Claims: 10
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 1245
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 115519-20-5P
 (liquid crystalline compds. for liquid crystal composition from)
 RN 115519-20-5 USPATFULL
 CN Benzene, 1-(2-bromoethyl)-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

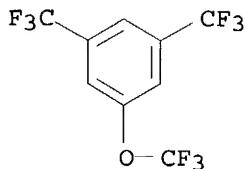


L24 ANSWER 180 OF 217 USPATFULL on STN
 AN 96:9226 USPATFULL
 TI Fluorobenzene derivatives and liquid-crystalline medium
 IN Reiffenrath, Volker, Rossdorf, Germany, Federal Republic of
 Kurmeier, Hans A., Seeheim-Jugenheim, Germany, Federal Republic of
 Poetsch, Eike, Muhlthal, Germany, Federal Republic of
 Plach, Herbert, Darmstadt, Germany, Federal Republic of
 Finkenzeller, Ulrich, Plankstadt, Germany, Federal Republic of
 Bartmann, Ekkehard, Erzhausen, Germany, Federal Republic of
 Krause, Joachim, Dieburg, Germany, Federal Republic of
 Scheuble, Bernhard, Seeheim-Jugenheim, Germany, Federal Republic of
 PA Merck Patent Gesellschaft Mit Beschränkter Haftung, Darmstadt, Germany,
 Federal Republic of (non-U.S. corporation)
 PI US 5487845 19960130
 WO 9103449 19910321
 AI US 1994-229842 19940412 (8)
 WO 1990-EP1471 19900903
 19901119 PCT 371 date
 19901119 PCT 102(e) date

DCD 20121010
 RLI Continuation of Ser. No. US 1990-623385, filed on 19 Nov 1990, now abandoned
 PRAI DE 1989-3929525 19890906
 DE 1989-3929526 19890906
 DE 1989-3929764 19890907
 DE 1990-4009907 19900328
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Geist, Gary L.; Assistant Examiner: Harris, C.
 LREP Millen, White, Zelano, & Branigan
 CLMN Number of Claims: 36
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 1731
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 1736-74-9
 (reaction of, in formation of substituted phenyltrifluoromethyl ethers for liquid-crystal phases)
 RN 1736-74-9 USPATFULL
 CN Benzenemethanol, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

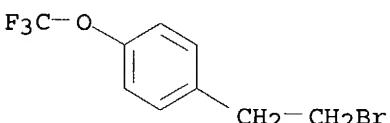


L24 ANSWER 181 OF 217 USPATFULL on STN
 AN 96:5929 USPATFULL
 TI Halogenation processes in advantageous solvents, and novel bistrifluoromethyl-polyfluoroalkoxybenzenes
 IN Marhold, Albrecht, Leverkusen, Germany, Federal Republic of
 PA Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of (non-U.S. corporation)
 PI US 5484932 19960116
 AI US 1994-253188 19940602 (8)
 RLI Continuation of Ser. No. US 1993-52420, filed on 15 Apr 1993, now abandoned
 PRAI DE 1992-4213850 19920427
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Evans, Joseph E.
 LREP Gerstenzang, William C. Sprung Horn Kramer & Woods
 CLMN Number of Claims: 5
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 308
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 153646-13-0
 (preparation as halogenation solvent)
 RN 153646-13-0 USPATFULL
 CN Benzene, 1-(trifluoromethoxy)-3,5-bis(trifluoromethyl)- (9CI) (CA INDEX NAME)



L24 ANSWER 182 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1995:994634 CAPLUS
 DN 124:71725
 TI Liquid crystalline compounds and liquid crystal composition
 IN Miyazawa, Kazutoshi; Matsui, Shuichi; Coto, Yasuyuki; Nakagawa, Etsuo;
 Sawada, Shinichi
 PA Chisso Corp., Japan
 SO Eur. Pat. Appl., 72 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 675187	A2	19951004	EP 1995-302106	19950329
	EP 675187	A3	19960417		
	EP 675187	B1	19990915		
	R: AT, CH, DE, FR, GB, IT, LI, NL				
	JP 07316082	A2	19951205	JP 1995-60405	19950320
	US 5534187	A	19960709	US 1995-410297	19950324
	CN 1111671	A	19951115	CN 1995-103798	19950329
	AT 184628	E	19991015	AT 1995-302106	19950329
	US 5670085	A	19970923	US 1996-588434	19960118
PRAI	JP 1994-58705	A	19940329		
	US 1995-410297	A1	19950324		
OS	MARPAT 124:71725				
IT	115519-20-5P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(liquid crystalline compds. for liquid crystal composition from)				
RN	115519-20-5 CAPLUS				
CN	Benzene, 1-(2-bromoethyl)-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				

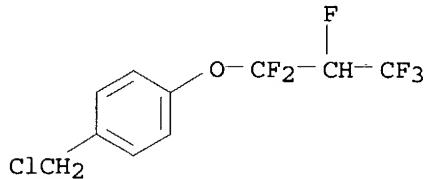


L24 ANSWER 183 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1995:689905 CAPLUS
 DN 123:98108
 TI Preparation of 1,1,2,3,3,3-hexafluoropropyl group-containing
 liquid-crystal compounds and liquid-crystal formulations containing them
 IN Miyazawa, Kazutoshi; Goto, Yasuyuki; Matsui, Shuichi; Fujita, Atsuko;
 Tomi, Yoshitaka
 PA Chisso Corp., Japan
 SO Eur. Pat. Appl., 49 pp.
 CODEN: EPXXDW
 DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 640578	A1	19950301	EP 1994-306361	19940830
	EP 640578	B1	19971105		
	EP 640578	B2	20010627		
	R: CH, DE, FR, GB, LI				
	JP 07118184	A2	19950509	JP 1994-78955	19940418
PRAI	JP 1993-214580	A	19930830		
	JP 1994-78955	A	19940418		
OS	MARPAT 123:98108				
IT	78010-87-4				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(preparation of 1,1,2,3,3,3-hexafluoropropyl group-containing liquid-crystal compds. and liquid-crystal formulations containing them)				
RN	78010-87-4 CAPLUS				
CN	Benzene, 1-(chloromethyl)-4-(1,1,2,3,3-hexafluoropropoxy)- (9CI) (CA INDEX NAME)				



L24 ANSWER 195 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1993:158103 CAPLUS

DN 118:158103

TI Preparation of trifluoromethyl compounds for super-twisted nematic liquid-crystal display devices

IN Sugimori, Shigeru

PA Chisso Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

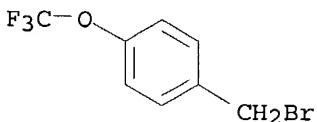
CODEN: JKXXAF

DT Patent

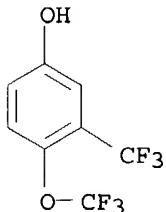
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04264048	A2	19920918	JP 1991-46136	19910219
	JP 2956946	B2	19991004		
PRAI	JP 1991-46136		19910219		
IT	50824-05-0, 4-Trifluoromethoxybenzyl bromide				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(reaction of, additive for super-twisted nematic liquid-crystal displays from)				
RN	50824-05-0 CAPLUS				
CN	Benzene, 1-(bromomethyl)-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)				



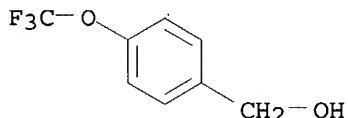
L24 ANSWER 202 OF 217 USPATFULL on STN
 AN 90:76479 USPATFULL
 TI Use of fluoromethylphenols as solvents for LC-polymers, and new
 fluoromethylphenols
 IN Kuhn, Rainer, Odenthal, Germany, Federal Republic of
 Marhold, Albrecht, Leverkusen, Germany, Federal Republic of
 Dicke, Hans-Rudolf, Krefeld, Germany, Federal Republic of
 PA Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
 (non-U.S. corporation)
 PI US 4960539 19901002
 AI US 1989-431677 19891102 (7)
 RLI Continuation of Ser. No. US 1988-174654, filed on 29 Mar 1988, now
 abandoned
 PRAI DE 1987-3712817 19870415
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Maples, John S.; Assistant Examiner: Treanor, Richard
 LREP Sprung Horn Kramer & Woods
 CLMN Number of Claims: 12
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 486
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 120355-08-0P
 (solvents for liquid-crystalline polymers, manufacture of)
 RN 120355-08-0 USPATFULL
 CN Phenol, 4-(trifluoromethoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



L24 ANSWER 203 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1989:415499 CAPLUS
 DN 111:15499
 TI Substituted phenyltrifluoromethyl ethers and liquid-crystal phases and
 display devices containing them
 IN Kurmeier, Hans Adolf; Scheuble, Bernhard; Poetsch, Eike; Finkenzeller,
 Ulrich
 PA Merck Patent G.m.b.H., Fed. Rep. Ger.
 SO Ger. Offen., 17 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 FAN.CNT 4

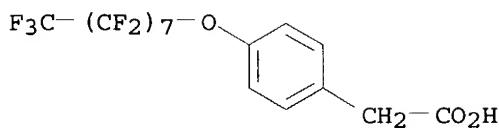
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3732284	A1	19890413	DE 1987-3732284	19870925
WO 8902884	A1	19890406	WO 1988-EP804	19880905
W: JP, KR, US				
RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
EP 334911	A1	19891004	EP 1988-907653	19880905
EP 334911	B1	19930210		

R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE
 JP 02501311 T2 19900510 JP 1988-507199 19880905
 JP 2632401 B2 19970723
 AT 85599 E 19930215 AT 1988-907653 19880905
 CN 1032435 A 19890419 CN 1988-106726 19880915
 DD 273643 A5 19891122 DD 1988-320086 19880923
 US 5536442 A 19960716 US 1992-907928 19920706
 US 5324449 A 19940628 US 1993-20469 19930222
 PRAI DE 1987-3732284 A 19870925
 DE 1988-3825425 A 19880727
 EP 1988-907653 A 19880905
 WO 1988-EP804 W 19880905
 DE 1989-3909802 A 19890324
 US 1989-362438 B1 19890524
 DE 1989-3929525 A 19890906
 DE 1989-3929526 A 19890906
 DE 1989-3929764 A 19890907
 US 1989-424219 B1 19891004
 DE 1990-4009907 A 19900328
 US 1990-623385 B2 19901119
 US 1991-803787 B2 19911206
 US 1992-846230 B2 19920306
 US 1992-845818 A2 19920309
 OS MARPAT 111:15499
 IT 1736-74-9
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, in formation of substituted phenyltrifluoromethyl ethers
 for liquid-crystal phases)
 RN 1736-74-9 CAPLUS
 CN Benzenemethanol, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

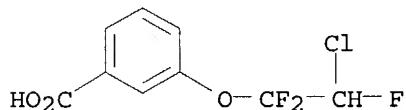


L24 ANSWER 206 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1983:135202 CAPLUS
 DN 98:135202
 TI Electrophotographic copying apparatus
 PA Ricoh Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

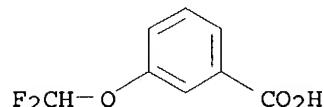
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI JP 57090675	A2	19820605	JP 1980-167123	19801127
PRAI JP 1980-167123		19801127		
IT 71188-41-5				
RL: USES (Uses)				
(electrophotog. drum cleaning rod made of)				
RN 71188-41-5 CAPLUS				
CN Benzeneacetic acid, 4-[(heptadecafluoroctyl)oxy]- (9CI) (CA INDEX NAME)				



L24 ANSWER 211 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1967:37288 CAPLUS
 DN 66:37288
 TI Electronic properties of the 1,1,2-trifluoro-2-chloroethoxy group
 AU Van Poucke, Raphael K.; Pollet, R.; De Cat, Arthur H.
 CS Chem. Res. Lab., Gevaert-Agfa N. V. Mortsel-Antwerp, Belg.
 SO Bulletin des Societes Chimiques Belges (1966), 75(7-8), 573-5
 CODEN: BSCBAG; ISSN: 0037-9646
 DT Journal
 LA English
 IT 403-71-4
 RL: PROC (Process)
 (ionization of)
 RN 403-71-4 CAPLUS
 CN Benzoic acid, 3-(2-chloro-1,1,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



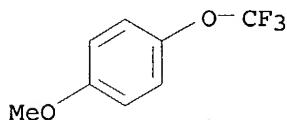
L24 ANSWER 213 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1966:92792 CAPLUS
 DN 64:92792
 OREF 64:17397c-e
 TI Electronic nature of the difluoromethoxy, difluoromethylthio, and difluoromethylsulfonyl groups
 AU Pollet, R.; van Poucke, R.; de Cat, A.
 CS Chem. Res. Dept., Gevaert-Agfa N.V., Mortsel-Antwerp
 SO Bulletin des Societes Chimiques Belges (1966), 75(1-2), 40-51
 CODEN: BSCBAG; ISSN: 0037-9646
 DT Journal
 LA English
 IT 4837-19-8, m-Anisic acid, α,α -difluoro-
 (ionization of)
 RN 4837-19-8 CAPLUS
 CN Benzoic acid, 3-(difluoromethoxy)- (9CI) (CA INDEX NAME)



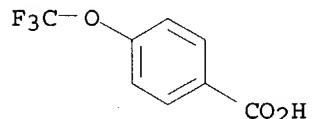
L24 ANSWER 214 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1965:829 CAPLUS
 DN 62:829
 OREF 62:127e-f

10/669,404

TI Electronic spectra of aryl trifluoromethyl sulfides, sulfoxides, sulfones, and aryl trifluoromethyl ethers
AU Lutskii, A. E.; Yagupol'skii, L. M.; Volchenok, S. A.
CS Polytech. Inst., Kharkov
SO Zhurnal Obshchey Khimii (1964), 34(8), 2726-35
CODEN: ZOKHA4; ISSN: 0044-460X
DT Journal
LA Unavailable
IT 710-18-9, Benzene, 1-methoxy-4-(trifluoromethoxy)-
(spectrum of)
RN 710-18-9 CAPLUS
CN Benzene, 1-methoxy-4-(trifluoromethoxy)- (7CI, 8CI, 9CI) (CA INDEX NAME)

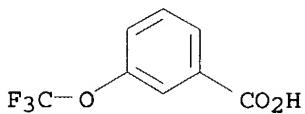


L24 ANSWER 215 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1963:80936 CAPLUS
DN 58:80936
OREF 58:13761e-f
TI The effect of fluorine substitution on the electronic properties of alkoxy, alkylthio, and alkylsulfonyl groups
AU Sheppard, William A.
CS E. I. du Pont de Nemours and Co., Wilmington, DE
SO Journal of the American Chemical Society (1963), 85, 1314-18
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA Unavailable
IT 330-12-1, p-Anisic acid, α,α,α -trifluoro-
(ionization of)
RN 330-12-1 CAPLUS
CN Benzoic acid, 4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



L24 ANSWER 217 OF 217 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1961:59327 CAPLUS
DN 55:59327
OREF 55:11352i,11353a-b
TI Electronic nature of fluorine-containing substituents
AU Yagupol'skii, L. M.; Yagupol'skaya, L. N.
CS Inst. Org. Chem., Kiev
SO Doklady Akademii Nauk SSSR (1960), 134, 1381-3
CODEN: DANKAS; ISSN: 0002-3264
DT Journal
LA Unavailable
IT 1014-81-9, m-Anisic acid, α,α,α -trifluoro-
(ionization of, substituent effect on)
RN 1014-81-9 CAPLUS
CN Benzoic acid, 3-(trifluoromethoxy)- (9CI) (CA INDEX NAME)

10/669,404



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COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
	ENTRY	SESSION	
FULL ESTIMATED COST	293.99	1170.01	

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LAST RELOADED: Nov 12, 2004 (20041112/UP).

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
	ENTRY	SESSION	
FULL ESTIMATED COST	0.24	1170.25	

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DICTIONARY FILE UPDATES: 14 NOV 2004 HIGHEST RN 780728-63-4

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Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

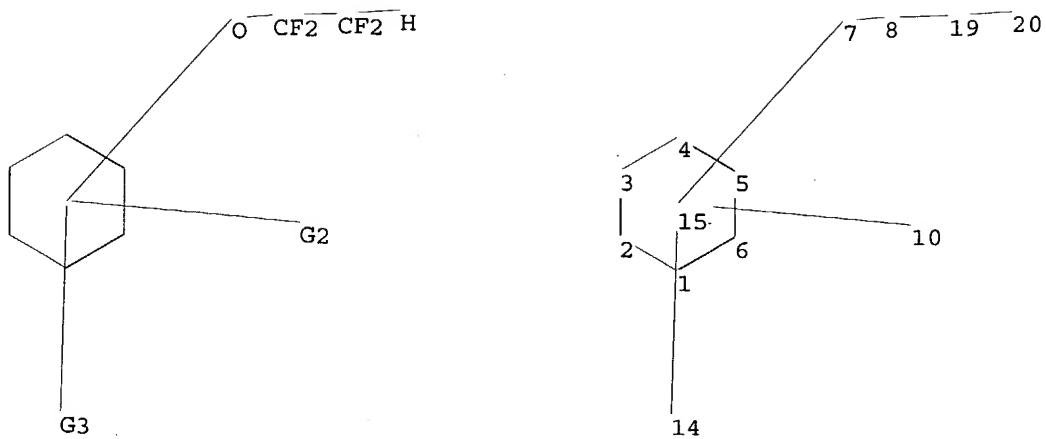
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ENTER SCREEN EXPRESSION OR (END) :end

=> screen 1992 OR 2016 OR 2021 OR 2026 OR 1839

L25 SCREEN CREATED

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chain nodes :
 7 8 10 14 19 20

ring nodes :

1 2 3 4 5 6

chain bonds :

7-8 8-19 19-20

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact bonds :

7-8 8-19 19-20

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

G2:CH3,CH2,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,Ak

G3:H,Cl,Br,F,Ak,CH2,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
 11:CLASS 14:CLASS 15:CLASS 19:CLASS 20:CLASS

L26 STRUCTURE UPLOADED

=> que L26 NOT L25

L27 QUE L26 NOT L25

=> s 127

SAMPLE SEARCH INITIATED 20:21:23 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 364 TO ITERATE

100.0% PROCESSED 364 ITERATIONS
 SEARCH TIME: 00.00.01

4 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
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10/669,404

PROJECTED ANSWERS: 4 TO 200

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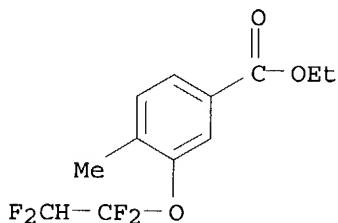
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FULL SCREEN SEARCH COMPLETED - 7096 TO ITERATE

100.0% PROCESSED 7096 ITERATIONS 82 ANSWERS
SEARCH TIME: 00.00.01

L29 82 SEA SSS FUL L26 NOT L25

=> d scan

L29 82 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Benzoic acid, 4-methyl-3-(1,1,2,2-tetrafluoroethoxy)-, ethyl ester (9CI)
MF C12 H12 F4 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

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FULL ESTIMATED COST ENTRY SESSION
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FILE 'USPATFULL' ENTERED AT 20:22:12 ON 15 NOV 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 129
L30 144 L29

=> dup rem 130
PROCESSING COMPLETED FOR L30
L31 136 DUP REM L30 (8 DUPLICATES REMOVED)

=> d 1-136 ti

L31 ANSWER 1 OF 136 USPATFULL on STN
TI Aminoethanol derivatives

L31 ANSWER 2 OF 136 USPATFULL on STN

TI (R)-chiral halogenated 1-substitutedamino-(n+1)-alkanols useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 3 OF 136 USPATFULL on STN
TI Substituted N,N-bis-phenyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 4 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of 2-pyrone compounds and use thereof

L31 ANSWER 5 OF 136 USPATFULL on STN
TI Benzothiazole derivatives with activity as adenosine receptor ligands

L31 ANSWER 6 OF 136 USPATFULL on STN
TI Tyrosine phosphatase inhibitors

L31 ANSWER 7 OF 136 USPATFULL on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 8 OF 136 USPATFULL on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 9 OF 136 USPATFULL on STN
TI Benzothiazole derivatives with activity as adenosine receptor ligands

L31 ANSWER 10 OF 136 USPATFULL on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 11 OF 136 USPATFULL on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 12 OF 136 USPATFULL on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 13 OF 136 USPATFULL on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 14 OF 136 USPATFULL on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 15 OF 136 USPATFULL on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 16 OF 136 USPATFULL on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 17 OF 136 USPATFULL on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 18 OF 136 USPATFULL on STN
TI (R)-chiral halogenated substituted N,N-bis-benzyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 19 OF 136 USPATFULL on STN
TI Process for preparing polyfluoroalkyllithium compounds

L31 ANSWER 20 OF 136 USPATFULL on STN
TI (R)-chiral halogenated substituted n,n-bis-phenyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 21 OF 136 USPATFULL on STN
TI (R)-Chiral halogenated substituted fused heterocyclic amino compounds useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 22 OF 136 USPATFULL on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 23 OF 136 USPATFULL on STN
TI (R)-Chiral halogenated substituted heteroaryl benzyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 24 OF 136 USPATFULL on STN
TI (R)-chiral halogenated substituted N-phenoxy N-phenyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 25 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Discovery of a Simple Picomolar Inhibitor of Cholesteryl Ester Transfer Protein

L31 ANSWER 26 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Unique bioconcentration characteristics of new aryl fluoroalkyl ethers in common carp (*Cyprinus carpio*)

L31 ANSWER 27 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
TI Preparation of halogenated substituted (R)-N-benzyl-N-phenyl-aminoalcohols with cholesteryl ester transfer protein inhibiting activity for therapeutic use in the treatment of atherosclerosis and other coronary artery diseases

L31 ANSWER 28 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 29 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of aminoethanol derivatives as cholesteryl ester transfer protein inhibitors for treatment of hyperlipidemia, etc.

L31 ANSWER 30 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Process for the preparation of polyfluoroalkyl lithium compounds

L31 ANSWER 31 OF 136 USPATFULL on STN
TI Substituted N-heteroaryl-N-phenyl aminoalcohol compounds useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 32 OF 136 USPATFULL on STN
TI Antibacterial agents

L31 ANSWER 33 OF 136 USPATFULL on STN
TI Benzothiazole derivatives with activity as adenosine receptor ligands

L31 ANSWER 34 OF 136 USPATFULL on STN

TI Use of substituted N, N-bis-benzyl aminoalcohol compounds inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 35 OF 136 USPATFULL on STN
TI Use of substituted N, N-disubstituted cycloalkyl aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 36 OF 136 USPATFULL on STN
TI Use of substituted N, N-disubstituted reverse aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 37 OF 136 USPATFULL on STN
TI Use of substituted N, N-bis-phenyl aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 38 OF 136 USPATFULL on STN
TI Use of substituted N,N-disubstituted mercapto amino compounds for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 39 OF 136 USPATFULL on STN
TI Substituted N-phenyl-N-heteroaralkyl aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 40 OF 136 USPATFULL on STN
TI Use of substituted N, N-disubstituted fused-heterocyclo amino compounds for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 41 OF 136 USPATFULL on STN
TI Use of substituted N,N-disubstituted non-fused heterocyclo amino compounds for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 42 OF 136 USPATFULL on STN
TI Use of substituted N-phenoxy-N-phenyl aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 43 OF 136 USPATFULL on STN
TI Use of substituted N-fused-phenyl-N-benzyl aminoalcohol compounds for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 44 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Facile and efficient synthesis of fluoroalkyl aryl ethers

L31 ANSWER 45 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Chiral N,N-Disubstituted Trifluoro-3-Amino-2-Propanols Are Potent Inhibitors of Cholesteryl Ester Transfer Protein

L31 ANSWER 46 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of N-benzothiazol-2-yl amides having affinity toward the A2A adenosine receptor

L31 ANSWER 47 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of pyrrole derivatives as tyrosine phosphatase inhibitors for preventive and therapeutic drugs for diseases such as diabetes

L31 ANSWER 48 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Synthesis, antibacterial activity and RNA polymerase inhibition of phenylamidine derivs.

L31 ANSWER 49 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI (R)-chiral halogenated 1-substituted amino-(n+1)-alkanols useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 50 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Substituted polycyclic aryl and heteroaryl tertiary-heteroalkylamines useful for inhibiting cholesteryl ester transfer protein activity

L31 ANSWER 51 OF 136 USPATFULL on STN
TI Tocolytic oxytocin receptor antagonists

L31 ANSWER 52 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Stereospecific Inhibition of CETP by Chiral N,N-Disubstituted Trifluoro-3-amino-2-propanols

L31 ANSWER 53 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Discovery of Chiral N,N-Disubstituted Trifluoro-3-amino-2-propanols as Potent Inhibitors of Cholesteryl Ester Transfer Protein

L31 ANSWER 54 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Novel refrigeration lubricants for use with HFC refrigerants

L31 ANSWER 55 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Lubricity of fluorinated alkyl aryl ethers

L31 ANSWER 56 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Thermal and oxidative stability of fluorinated alkyl aryl ethers

L31 ANSWER 57 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of 2,2,3,3-tetrafluoro-1,4-benzodioxanes from o-(2-bromo-1,1,2,2,-tetrafluoroethoxy)phenols.

L31 ANSWER 58 OF 136 USPATFULL on STN
TI 2-fluoroacrylic acid derivatives, novel mixtures of herbicides and antidotes, and their use

L31 ANSWER 59 OF 136 USPATFULL on STN
TI Process for the preparation of 2,2,3,3-tetrafluoro-1,4-benzodioxanes, novel o-(2-bromo-1,1,2,2-tetrafluoroethoxy)-phenols, and novel 2-bromo-1,1,2,2-tetrafluoroethoxy-containing phenyl ethers

L31 ANSWER 60 OF 136 USPATFULL on STN
TI 3-substituted Bicyclo[3.1.0]hexane-6-carboxylic acids

L31 ANSWER 61 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 3
TI Preparation of piperidinylbenzoxazinones as tocolytic oxytocin receptor antagonists.

L31 ANSWER 62 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of 2-fluoroacrylic acid derivatives as herbicide antidotes

L31 ANSWER 63 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of benzoxazinone or quinolinone compounds as tocolytic oxytocin receptor antagonists

L31 ANSWER 64 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of benzoxazinones as tocolytic oxytocin receptor antagonists

L31 ANSWER 65 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of fluoroethyl phenyl ethers as lubricating oils for refrigeration compressors.

L31 ANSWER 66 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of excitatory amino acid receptor antagonists

L31 ANSWER 67 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN

TI Fluorine aromatic compound as lubricating oil and ammonia as refrigerant in refrigerant composition

L31 ANSWER 68 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Fluorine aromatic compound as lubricating oil and hydrocarbon as refrigerant in refrigerant composition

L31 ANSWER 69 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Refrigerating compositions

L31 ANSWER 70 OF 136 USPATFULL on STN
TI Process for the preparation of 4-fluoroalkoxycinnamonitriles

L31 ANSWER 71 OF 136 USPATFULL on STN
TI Lubricant oil composition comprising a fluorine-containing aromatic compound and an alkyl- or alkyl derivative-substituted aromatic compound, and a refrigerant composition containing the same

L31 ANSWER 72 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Optically active antifungal azoles. VI. Synthesis and antifungal activity of N-[(1R,2R)-2-(2,4-difluorophenyl)-2-hydroxy-1-methyl-3-(1H-1,2,4-triazol-1-yl)propyl]-N'-(4-substituted phenyl)-3(2H,4H)-1,2,4-triazolones and 5(1H,4H)-tetrazolones

L31 ANSWER 73 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Lubricating oil composition comprising a fluorine-containing aromatic compound and an alkyl- or alkyl derivative-substituted aromatic compound suitable for use with non-chlorofluorocarbon refrigerants

L31 ANSWER 74 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of 4-(fluoroalkoxy)cinnamonitriles

L31 ANSWER 75 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Lubricants containing perfluorocyclobutane rings

L31 ANSWER 76 OF 136 USPATFULL on STN
TI Electro-optical liquid crystal display element

L31 ANSWER 77 OF 136 USPATFULL on STN
TI Diaryl compounds for their use

L31 ANSWER 78 OF 136 USPATFULL on STN
TI Electro-optical liquid crystal display element

L31 ANSWER 79 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 4
TI Polybenzoxazole polymer containing perfluorocyclobutane rings

L31 ANSWER 80 OF 136 USPATFULL on STN
TI Perfluorovinyl compounds

L31 ANSWER 81 OF 136 USPATFULL on STN
TI Perfluorovinyl compounds

L31 ANSWER 82 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Tandem nucleophilic additions of aryloxides

L31 ANSWER 83 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of perfluorovinyl compounds and their polymerization

L31 ANSWER 84 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of 2-(2-tetrahydropyrimidinyl)aminothiazoles as antimycotics

L31 ANSWER 85 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of fluorine-containing phenols as pesticide intermediates

L31 ANSWER 86 OF 136 USPATFULL on STN
TI Optically-active 1,4-dihydropyridine

L31 ANSWER 87 OF 136 USPATFULL on STN
TI Antimycotically active substituted 2-aminothiazoles

L31 ANSWER 88 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 5
TI 3-(Fluoroalkoxy)benzoyl halides as intermediates for herbicides

L31 ANSWER 89 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of N-(3-phenyl-3-styrylacryloyl)morpholines and analogs as agrochemical fungicides.

L31 ANSWER 90 OF 136 USPATFULL on STN
TI Diaminotetrafluoroethoxybenzenes, process for producing same and hair coloring agents containing same

L31 ANSWER 91 OF 136 USPATFULL on STN
TI Diaminotetrafluoroethoxybenzenes

L31 ANSWER 92 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Reaction of fluorinated arylmagnesium halides with di-tert-butyl oxalate

L31 ANSWER 93 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of a pyrazole oxime derivatives as insecticides and acarides

L31 ANSWER 94 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Electrooptical liquid-crystal display element containing dielectric component with fluoro compound for short switching time

L31 ANSWER 95 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Fluoro-containing ortho-phenylenediamines and ortho-aminophenols

L31 ANSWER 96 OF 136 USPATFULL on STN
TI Insecticidal diaminoguanidine hydrazone compounds

L31 ANSWER 97 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Synthesis and insecticidal activity of some 2,5-(fluoroalkoxyphenyl)-1,3,4-oxadiazoles and their N,N'-dibenzoylhydrazine precursors

L31 ANSWER 98 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Reaction of fluoroorganomagnesium compounds with diethyl dicarboxylates

L31 ANSWER 99 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Substituted 1,4-dihydro-3-pyridinecarboxylic acid derivatives, their preparation, pharmaceuticals containing them, and their use as, cardiovascular agents

L31 ANSWER 100 OF 136 USPATFULL on STN
TI Diaryl piperidine containing esters of 1,4-dihydropyridines and coronary therapeutic use

L31 ANSWER 101 OF 136 USPATFULL on STN
TI 6-(polyfluoroalkoxyphenyl) pyridazinones, their compositions, synthesis and use

L31 ANSWER 102 OF 136 USPATFULL on STN
TI Insecticidal uses of diaminoguanidine hydrazone compounds

L31 ANSWER 103 OF 136 USPATFULL on STN
TI Novel esters, their preparation, and their use for controlling pests

L31 ANSWER 104 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 6
TI Insecticidal diaminoguanidine hydrazone compounds

L31 ANSWER 105 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Diaryl derivatives

L31 ANSWER 106 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Diamino(1,1,2,2-tetrafluoroethoxy)benzenes as coupling agents in hair dyes

L31 ANSWER 107 OF 136 USPATFULL on STN
TI 4H-3,1-Benzoxazine derivatives

L31 ANSWER 108 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Pyridazinones and medicaments containing them

L31 ANSWER 109 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Insecticidal propargyl benzoates

L31 ANSWER 110 OF 136 USPATFULL on STN
TI 4H-3,1-Benzoxazine derivatives

L31 ANSWER 111 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Reactivity of the perhaloalkanes CF_2BrX ($X = Cl, Br$) with nucleophiles.
Part 5. Condensation with potassium 2-allylphenoxide; evidence for difluorocarbene formation

L31 ANSWER 112 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 7
TI m -Phenoxybenzyl and α -cyano- m -phenoxybenzyl esters of 2-haloalkyl (oxy-, thio-, sulfinyl-, or sulfonyl)phenylalkanoic acids

L31 ANSWER 113 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 8
TI Insecticidal pentadienone hydrazones

L31 ANSWER 114 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI 4H-3,1-Benzoxazine derivatives

L31 ANSWER 115 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Substituted nitrogen-containing heterocycles and their use

L31 ANSWER 116 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Insecticidal pentadienone hydrazone derivatives

L31 ANSWER 117 OF 136 USPATFULL on STN
TI High efficiency push-pull inverters

L31 ANSWER 118 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Alkyl 2-aryl acrylates

L31 ANSWER 119 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Phenylalkanoic acid m -phenoxybenzyl esters

L31 ANSWER 120 OF 136 USPATFULL on STN
TI 2-Haloalkyl(oxy-, thio-, sulfinyl-, or sulfonyl)-phenylalkanoic acids

L31 ANSWER 121 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Tetrafluoroethoxy-substituted β -phenylethylamine

L31 ANSWER 122 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI α -1[(Fluoroalkoxy)phenyl]pyrimidinemethanols and pyrazine and

pyridine analogs

L31 ANSWER 123 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI 2-(Haloalkoxyphenyl)alkanoic acid phenoxybenzyl esters

L31 ANSWER 124 OF 136 USPATFULL on STN
TI Perfluorocyclohexyl ethers

L31 ANSWER 125 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Fluoroalkoxyphenyl-substituted nitrogen-containing heterocyclics and their use in plant growth regulating compositions

L31 ANSWER 126 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Nitrogen-containing heterocyclic compounds with fluoroalkoxyphenyl substituent

L31 ANSWER 127 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Perfluorocyclohexyl ethers

L31 ANSWER 128 OF 136 USPATFULL on STN
TI Process for the preparation of aryl-1,1,2,2-tetrafluoroethyl ethers

L31 ANSWER 129 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Nitrogen-containing heterocyclic compounds with fluoroalkoxyphenyl substituent

L31 ANSWER 130 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Fluorinated alkoxybenzyl chlorides

L31 ANSWER 131 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Direct fluoralkenylation. X. Reaction of sodium p-ethoxycarbonylphenolate with tetrafluoroethylene

L31 ANSWER 132 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Aryl 1,1,2,2-tetrafluoroethyl ethers

L31 ANSWER 133 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of (1,1,2,2-tetrafluoroethoxy)benzenes

L31 ANSWER 134 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI α -Fluorinated ethers. I. Aryl fluoroalkyl ethers

L31 ANSWER 135 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI Studies on benzo[b]thiophene. Unequivocal synthesis of m-substituted phenols, in particular of metathymol, by desulfurizing hydrogenation of bz-methoxylated derivatives of benzo[b]thiophene

L31 ANSWER 136 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
TI The effect of fluorine substitution on the electronic properties of alkoxy, alkylthio, and alkylsulfonyl groups

=> d 26,44,55,56,65,67,71,76,78,80,83,94,128,130,132,133,134,136 bib fhitstr
'FHITSR' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):d
26,44,55,56,65,67,71,76,78,80,83,94,128,130,132,133,134,136 bib fhitstr
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'26' IS NOT A VALID FORMAT

10/669,404

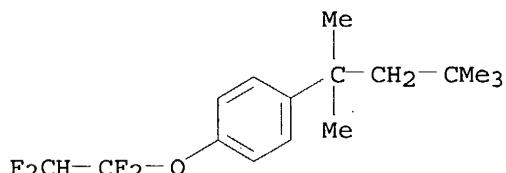
'44' IS NOT A VALID FORMAT
'55' IS NOT A VALID FORMAT
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'94' IS NOT A VALID FORMAT
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'134' IS NOT A VALID FORMAT
'136' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):end

=> d 26,44,55,56,65,67,71,76,78,80,83,94,128,130,132,133,134,136 bib fhitstr

L31 ANSWER 26 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:103713 CAPLUS
DN 139:112884
TI Unique bioconcentration characteristics of new aryl fluoroalkyl ethers in common carp (*Cyprinus carpio*)
AU Yakata, Naoaki; Sudo, Yoshihisa; Yakabe, Yoshikuni; Tadokoro, Hiroshi; Fukui, Hiroyuki; Sanechika, Kenichi; Ikeda, Masanori
CS Chemicals Evaluation and Research Institute, Kurume Laboratory, Kurume, Fukuoka, 830-0023, Japan
SO Chemosphere (2003), 51(2), 153-161
CODEN: CMSHAF; ISSN: 0045-6535
PB Elsevier Science Ltd.
DT Journal
LA English
IT 163036-61-1, NL 63A
RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
(unique bioconcn. characteristics of new aryl fluoroalkyl ethers in common carp (*Cyprinus carpio*))
RN 163036-61-1 CAPLUS
CN Benzene, 1-(1,1,2,2-tetrafluoroethoxy)-4-(1,1,3,3-tetramethylbutyl)- (9CI)
(CA INDEX NAME)

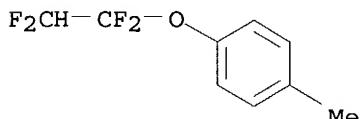


RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L31 ANSWER 44 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:818390 CAPLUS

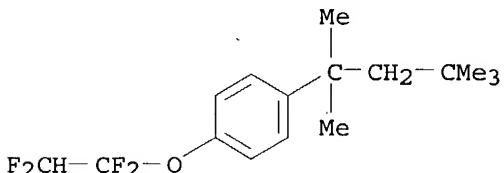
10/669, 404

DN 138:187456
TI Facile and efficient synthesis of fluoroalkyl aryl ethers
AU Kamal, Ahmed; Pratap, T. B.; Ramana, K. Venkata; Ramana, A. V.; Babu, A. Hari
CS Division of Organic Chemistry, Indian Institute of Chemical Technology, Hyderabad, 500 007, India
SO Tetrahedron Letters (2002), 43(41), 7353-7355
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 138:187456
IT 1737-11-7P, 4-(1,1,2,2-Tetrafluoroethoxy)toluene
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of fluoroalkyl aryl ethers from iodoalkyl fluorides and phenols)
RN 1737-11-7 CAPLUS
CN Benzene, 1-methyl-4-(1,1,2,2-tetrafluoroethoxy)- (9CI) (CA INDEX NAME)



RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L31 ANSWER 55 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2000:168920 CAPLUS
DN 132:336619
TI Lubricity of fluorinated alkyl aryl ethers
AU Fukui, H.; Murata, H.; Sanechika, K.-i.; Ikeda, M.
CS Chiyoda-ku, 1-1-2 Yuraku-cho, Corporate R&D Administration, Asahi Chemical
Industry Co., Ltd., Tokyo, Japan
SO Journal of Fluorine Chemistry (2000), 103(2), 129-134
CODEN: JFLCAR; ISSN: 0022-1139
PB Elsevier Science S.A.
DT Journal
LA English
IT 163036-61-1P
RL: PRP (Properties); SPN (Synthetic preparation); TEM (Technical or
engineered material use); PREP (Preparation); USES (Uses)
(lubricating properties of)
RN 163036-61-1 CAPLUS
CN Benzene, 1- (1,1,2,2-tetrafluoroethoxy)-4- (1,1,3,3-tetramethylbutyl)- (9CI)
(CA INDEX NAME)

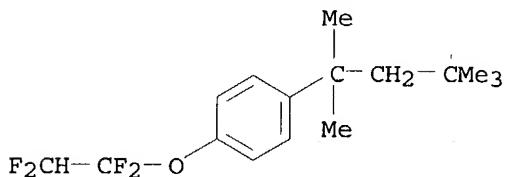


RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L31 ANSWER 56 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN

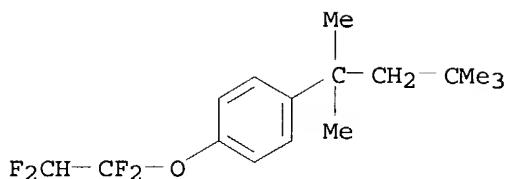
10/669,404

AN 2000:47678 CAPLUS
DN 132:95470
TI Thermal and oxidative stability of fluorinated alkyl aryl ethers
AU Fukui, Hiroyuki; Sanechika, Ken-Ichi; Watanabe, Masashi; Ikeda, Masanori
CS Corporate R & D Administration, Asahi Chemical Industry Co., Ltd., Tokyo,
Japan
SO Journal of Fluorine Chemistry (2000), 101(1), 91-96
CODEN: JFLCAR; ISSN: 0022-1139
PB Elsevier Science S.A.
DT Journal
LA English
IT 163036-61-1P
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(thermal and oxidative stability of fluorinated alkyl aryl ethers)
RN 163036-61-1 CAPLUS
CN Benzene, 1-(1,1,2,2-tetrafluoroethoxy)-4-(1,1,3,3-tetramethylbutyl)- (9CI)
(CA INDEX NAME)



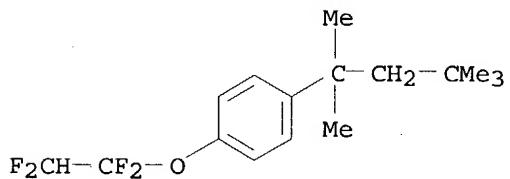
RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L31 ANSWER 65 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1997:754311 CAPLUS
DN 128:22715
TI Preparation of fluoroethyl phenyl ethers as lubricating oils for
refrigeration compressors.
IN Sanechika, Kenichi; Ikeda, Masanori; Fukui, Hiroyuki; Yamamoto, Shinichi
PA Asahi Chemical Industry Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 25 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
----- ----- ----- -----
PI JP 09301911 A2 19971125 JP 1996-115107 19960509
PRAI JP 1996-115107 19960509
OS MARPAT 128:22715
IT 163036-61-1P
RL: IMF (Industrial manufacture); PUR (Purification or recovery); SPN
(Synthetic preparation); PREP (Preparation)
(preparation of fluoroethyl Ph ethers by reaction of phenols with
tetrafluoroethane using alkali metal catalysts)
RN 163036-61-1 CAPLUS
CN Benzene, 1-(1,1,2,2-tetrafluoroethoxy)-4-(1,1,3,3-tetramethylbutyl)- (9CI)
(CA INDEX NAME)



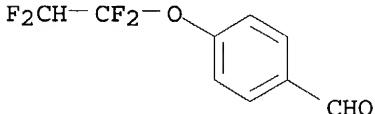
L31 ANSWER 67 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1996:674061 CAPLUS
 DN 125:304791
 TI Fluorine aromatic compound as lubricating oil and ammonia as refrigerant
 in refrigerant composition
 IN Ikeda, Masanori; Watanabe, Shinji
 PA Asahi Chemical Ind, Japan
 SO Jpn. Kokai Tokkyo Koho, 42 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08209164	A2	19960813	JP 1995-300507	19951026
PRAI JP 1994-265088		19941028		
OS MARPAT 125:304791				
IT 163036-61-1				
RL: NUU (Other use, unclassified); USES (Uses) (fluorine aromatic compound as lubricating oil and hydrocarbon as refrigerant in refrigerant composition)				
RN 163036-61-1	CAPLUS			
CN Benzene, 1-(1,1,2,2-tetrafluoroethoxy)-4-(1,1,3,3-tetramethylbutyl)- (9CI) (CA INDEX NAME)				

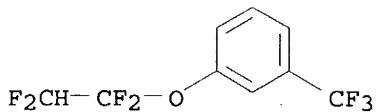


L31 ANSWER 71 OF 136 USPATFULL on STN
AN 96:75046 USPATFULL
TI Lubricant oil composition comprising a fluorine-containing aromatic compound and an alkyl- or alkyl derivative-substituted aromatic compound, and a refrigerant composition containing the same
IN Sanechika, Kenichi, Nobeoka, Japan
Fukui, Hiroyuki, Fuji, Japan
Ikeda, Masanori, Fuji, Japan
PA Asahi Kasei Kogyo Kabushiki Kaisha, Osaka, Japan (non-U.S. corporation)
PI US 5547593 19960820
AI US 1994-289220 19940811 (8)
PRAI JP 1993-199527 19930811
DT Utility
FS Granted
EXNAM Primary Examiner: McAvoy, Ellen M.
LREP Birch, Stewart, Kolasch & Birch, LLP
CLMN Number of Claims: 34

Kurmeier, Hans A., Seeheim-Hugenheim, Germany, Federal Republic of
 Eidenschink, Rudolf, Bodenheim, Germany, Federal Republic of
 Weber, Georg, Erzhausen, Germany, Federal Republic of
 Wachtler, Andreas, Griesheim, Germany, Federal Republic of
 PA Merck Patent Gesellschaft Mit Beschränkter Haftung, Darmstadt, Germany,
 Federal Republic of (non-U.S. corporation)
 PI US 5196140 19930323
 WO 8808441 19881103
 AI US 1988-294630 19881223 (7)
 WO 1988-EP335 19880421
 19881223 PCT 371 date
 19881223 PCT 102(e) date
 PRAI DE 1987-3714043 19870428
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Stoll, Robert L.; Assistant Examiner: Harris, C.
 LREP Millen, White, Zelano and Branigan
 CLMN Number of Claims: 8
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 1859
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 35295-36-4
 (reaction of, liquid-crystal display containing fluoro compound from)
 RN 35295-36-4 USPATFULL
 CN Benzaldehyde, 4-(1,1,2,2-tetrafluoroethoxy)- (9CI) (CA INDEX NAME)



L31 ANSWER 80 OF 136 USPATFULL on STN
 AN 92:97179 USPATFULL
 TI Perfluorovinyl compounds
 IN Babb, David A., Lake Jackson, TX, United States
 Clement, Katherine S., Lake Jackson, TX, United States
 Ezzell, Bobby R., Lake Jackson, TX, United States
 PA The Dow Chemical Company, Midland, MI, United States (U.S. corporation)
 PI US 5162468 19921110
 AI US 1991-668296 19910312 (7)
 RLI Division of Ser. No. US 1989-364665, filed on 9 Jun 1989, now patented,
 Pat. No. US 5023380, issued on 16 Apr 1992
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Michl, Paul R.; Assistant Examiner: Szekely, Peter
 CLMN Number of Claims: 7
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 1473
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 134150-96-2P
 (preparation of)
 RN 134150-96-2 USPATFULL
 CN Benzene, 1-(1,1,2,2-tetrafluoroethoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)



L31 ANSWER 83 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1991:408267 CAPLUS
 DN 115:8267

TI Preparation of perfluorovinyl compounds and their polymerization
 IN Babb, David A.; Clement, Katherine S.; Ezzell, Bobby R.
 PA Dow Chemical Co., USA
 SO PCT Int. Appl., 62 pp.

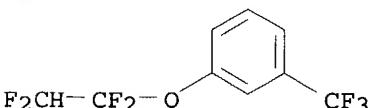
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9015043	A2	19901213	WO 1990-US3154	19900604
	WO 9015043	A3	19910321		
	W: AU, CA, FI, JP, KR, NO				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE				
	US 5023380	A	19910611	US 1989-364665	19890609
	CA 2030792	AA	19901210	CA 1990-2030792	19900604
	CA 2030792	C	20010821		
	AU 9058473	A1	19910107	AU 1990-58473	19900604
	EP 428706	A1	19910529	EP 1990-909869	19900604
	EP 428706	B1	19940713		
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
	JP 04500367	T2	19920123	JP 1990-509222	19900604
	JP 2915573	B2	19990705		
	NO 9100517	A	19910208	NO 1991-517	19910208
	NO 175678	B	19940808		
	NO 175678	C	19941116		
	US 5162468	A	19921110	US 1991-668296	19910312
PRAI	US 1989-364665	A	19890609		
	WO 1990-US3154	A	19900604		
OS	MARPAT 115:8267				
IT	134150-96-2P				
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(preparation of)				
RN	134150-96-2 CAPLUS				
CN	Benzene, 1-(1,1,2,2-tetrafluoroethoxy)-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)				

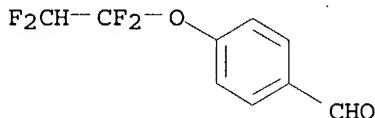


L31 ANSWER 94 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1989:468069 CAPLUS
 DN 111:68069

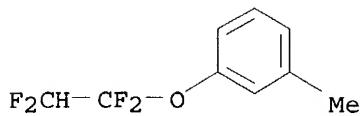
TI Electrooptical liquid-crystal display element containing dielectric component with fluoro compound for short switching time
 IN Poetsch, Eike; Kurmeier, Hans Adolf; Eidenschink, Rudolf; Weber, Georg;

Waechtler, Andreas
 PA Merck Patent G.m.b.H., Fed. Rep. Ger.
 SO PCT Int. Appl., 83 pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 8808441	A1	19881103	WO 1988-EP335	19880421
	W: JP, US				
	RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
	DE 3714043	A1	19881117	DE 1987-3714043	19870428
	EP 313604	A1	19890503	EP 1988-903807	19880421
	EP 313604	B1	19920325		
	R: DE				
	JP 01503145	T2	19891026	JP 1988-503664	19880421
	US 5196140	A	19930323	US 1988-294630	19881223
	US 5348677	A	19940920	US 1992-963369	19921020
PRAI	DE 1987-3714043		19870428		
	WO 1988-EP335		19880421		
	US 1988-294630		19881223		
IT	35295-36-4				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(reaction of, liquid-crystal display containing fluoro compound from)				
RN	35295-36-4 CAPLUS				
CN	Benzaldehyde, 4-(1,1,2,2-tetrafluoroethoxy)- (9CI) (CA INDEX NAME)				



L31 ANSWER 128 OF 136 USPATFULL on STN
 AN 75:68867 USPATFULL
 TI Process for the preparation of aryl-1,1,2,2-tetrafluoroethyl ethers
 IN Rebsdat, Siegfried, Altötting, Germany, Federal Republic of
 Hahn, Helmut, Burghausen, Germany, Federal Republic of
 PA Hoechst Aktiengesellschaft, Frankfurt am Main, Germany, Federal Republic
 of (non-U.S. corporation)
 PI US 3926989 19751216
 AI US 1971-152600 19710614 (5)
 PRAI DE 1970-2029556 19700616
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Moatz, Harry I.
 LREP Connolly and Hutz
 CLMN Number of Claims: 9
 ECL Exemplary Claim: 1
 DRWN 1 Drawing Figure(s); 1 Drawing Page(s)
 LN.CNT 239
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 1737-10-6P
 (preparation of)
 RN 1737-10-6 USPATFULL
 CN Benzene, 1-methyl-3-(1,1,2,2-tetrafluoroethoxy)- (9CI) (CA INDEX NAME)



L31 ANSWER 130 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1973:418377 CAPLUS

DN 79:18377

TI Fluorinated alkoxybenzyl chlorides

IN Ertel, Hartmut; Kluge, Friedhelm; Heubach, Guenther

PA Farbwerke Hoechst A.-G.

SO Ger. Offen., 8 pp.

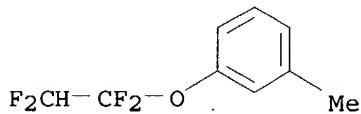
CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2150955	A1	19730419	DE 1971-2150955	19711013
PRAI	DE 1971-2150955		19711013		
IT	1737-10-6				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(chlorination of)				
RN	1737-10-6 CAPLUS				
CN	Benzene, 1-methyl-3-(1,1,2,2-tetrafluoroethoxy)- (9CI) (CA INDEX NAME)				



L31 ANSWER 132 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1972:72216 CAPLUS

DN 76:72216

TI Aryl 1,1,2,2-tetrafluoroethyl ethers

IN Rebsdat, Siegfried; Hahn, Helmut

PA Farbwerke Hoechst A.-G.

SO Ger. Offen., 10 pp.

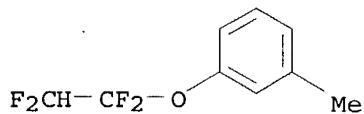
CODEN: GWXXBX

DT Patent

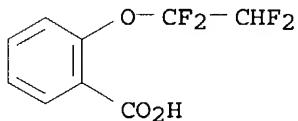
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2029556	A	19711223	DE 1970-2029556	19700616
	NL 7108043	A	19711220	NL 1971-8043	19710611
	CH 551933	A	19740731	CH 1971-8521	19710611
	BE 768485	A1	19711214	BE 1971-104591	19710614
	US 3926989	A	19751216	US 1971-152600	19710614
	FR 2096336	A5	19720211	FR 1971-21646	19710615
	CA 1083156	A1	19800805	CA 1971-115662	19710615
	GB 1320648	A	19730620	GB 1971-28202	19710616
PRAI	DE 1970-2029556		19700616		
IT	1737-10-6P				
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(preparation of)				



L31 ANSWER 136 OF 136 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1963:80936 CAPLUS
 DN 58:80936
 OREF 58:13761e-f
 TI The effect of fluorine substitution on the electronic properties of
 alkoxy, alkylthio, and alkylsulfonyl groups
 AU Sheppard, William A.
 CS E. I. du Pont de Nemours and Co., Wilmington, DE
 SO Journal of the American Chemical Society (1963), 85, 1314-18
 CODEN: JACSAT; ISSN: 0002-7863
 DT Journal
 LA Unavailable
 IT 10008-97-6, Benzoic acid, m-(1,1,2,2-tetrafluoroethoxy)-
 (ionization of)
 RN 10008-97-6 CAPLUS
 CN Benzoic acid, m-(1,1,2,2-tetrafluoroethoxy)- (7CI, 8CI) (CA INDEX NAME)



=> file stnguide
 COST IN U.S. DOLLARS
 FULL ESTIMATED COST

	SINCE FILE	TOTAL
	ENTRY	SESSION
107.09		1433.60

FILE 'STNGUIDE' ENTERED AT 20:34:24 ON 15 NOV 2004
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 AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

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 LAST RELOADED: Nov 12, 2004 (20041112/UP).

=> file reg
 COST IN U.S. DOLLARS
 FULL ESTIMATED COST

	SINCE FILE	TOTAL
	ENTRY	SESSION
0.30		1433.90

FILE 'REGISTRY' ENTERED AT 20:37:10 ON 15 NOV 2004
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STRUCTURE FILE UPDATES: 14 NOV 2004 HIGHEST RN 780728-63-4
 DICTIONARY FILE UPDATES: 14 NOV 2004 HIGHEST RN 780728-63-4

10/669,404

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

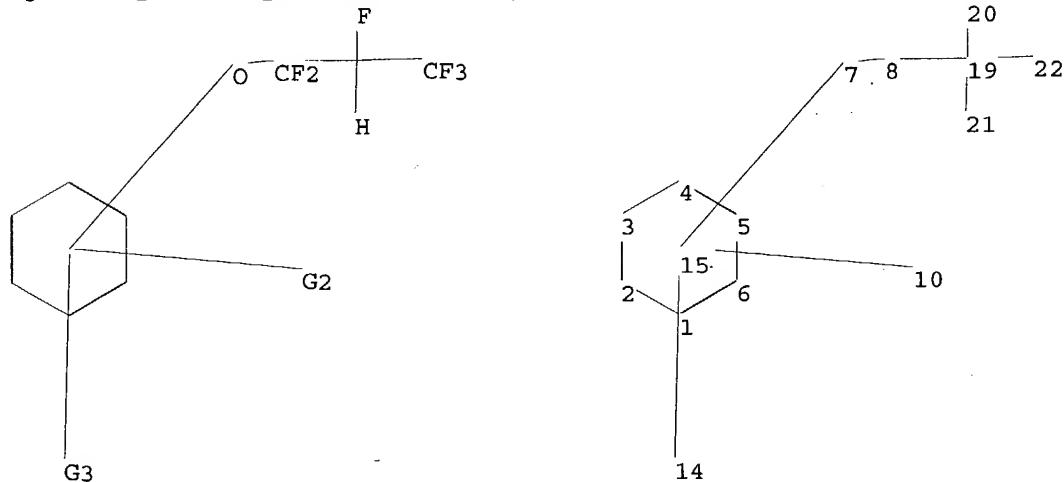
=> screen 1083

L32 SCREEN CREATED

=> screen 1992 OR 2016 OR 2021 OR 2026 OR 1839

L33 SCREEN CREATED

=>
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chain nodes :
7 8 10 14 19 20 21 22
ring nodes :
1 2 3 4 5 6
chain bonds :
7-8 8-19 19-20 19-21 19-22
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact bonds :
7-8 8-19 19-20 19-21 19-22
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

10/669,404

G2:CH3,CH2,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,Ak

G3:H,Cl,Br,F,Ak,CH2,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 14:CLASS 15:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS

L34 STRUCTURE UPLOADED

=> que L34 AND L32 NOT L33

L35 QUE L34 AND L32 NOT L33

=> d

L35 HAS NO ANSWERS

L32 SCR 1083

L33 SCR 1992 OR 2016 OR 2021 OR 2026 OR 1839

L34 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

L35 QUE L34 AND L32 NOT L33

=> s 135

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SAMPLE SCREEN SEARCH COMPLETED - 6 TO ITERATE

100.0% PROCESSED 6 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 6 TO 266

PROJECTED ANSWERS: 1 TO 80

L36 1 SEA SSS SAM L34 AND L32 NOT L33

=> s 135 ful

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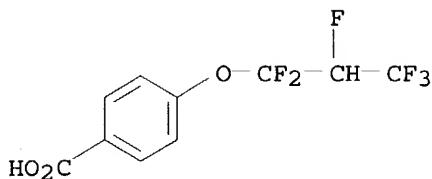
FULL SCREEN SEARCH COMPLETED - 151 TO ITERATE

100.0% PROCESSED 151 ITERATIONS 33 ANSWERS
SEARCH TIME: 00.00.01

L37 33 SEA SSS FUL L34 AND L32 NOT L33

=> d scan

L37 33 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Benzoic acid, 4-(1,1,2,3,3,3-hexafluoropropoxy)- (9CI)
MF C10 H6 F6 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus uspatfull	COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
		155.84	1589.74
FULL ESTIMATED COST			

FILE 'CAPLUS' ENTERED AT 20:38:06 ON 15 NOV 2004
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 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 20:38:06 ON 15 NOV 2004
 CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 137
 L38 22 L37

=> dup rem 138
 PROCESSING COMPLETED FOR L38
 L39 21 DUP REM L38 (1 DUPLICATE REMOVED)

=> d 1-21 ti

L39 ANSWER 1 OF 21 USPATFULL on STN
 TI PHENYL POLYHALOALKYL ETHER DERIVATIVES, LIQUID-CRYSTAL COMPOSITION
 CONTAINING THE SAME, AND LIQUID-CRYSTAL DISPLAY ELEMENT

L39 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Synthesis of fluorinated aryl peroxides

L39 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Phenyl polyhaloalkyl ether derivatives, liquid-crystal composition
 containing the same, and liquid-crystal display element

L39 ANSWER 4 OF 21 USPATFULL on STN
 TI O-phenylenediamines containing fluoroalkyl(ene) groups

L39 ANSWER 5 OF 21 USPATFULL on STN
 TI Halogenation processes in advantageous solvents, and novel
 bistrifluoromethyl-polyfluoroalkoxybenzenes

L39 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
 TI Preparation of 1,1,2,3,3,3-hexafluoropropyl group-containing
 liquid-crystal compounds and liquid-crystal formulations containing them

L39 ANSWER 7 OF 21 USPATFULL on STN
 TI Process for the α -chlorination of aryl ethers

10/669,404

L39 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of o-phenylenediamines as benzimidazole pesticide intermediates

L39 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI Halogenation process in advantageous fluorinated solvents and new bis(trifluormethyl) (polyfluoroalkoxy)benzenes

L39 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI Process for α -chlorination of aryl ethers.

L39 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
TI 3-(Fluoroalkoxy)benzoyl halides as intermediates for herbicides

L39 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI Metallic complexes of fluoro-substituted tetracyanotetraarylporphyrazines

L39 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI Polyfluoroalkyl aryl ethers

L39 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI A new type of fluortensides, based on the addition of nucleophiles to chlorotrifluoroethylene and hexafluoropropylene

L39 ANSWER 15 OF 21 USPATFULL on STN
TI Photographic elements containing cyan-forming color couplers

L39 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI Photographic elements containing cyan-forming color couplers

L39 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI Fluorine-substituted styrenes

L39 ANSWER 18 OF 21 USPATFULL on STN
TI Light-sensitive silver halide materials containing fluorine-containing surfactants

L39 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI Fluorine-containing surfactants and their use in hydrophilic colloid compositions and light-sensitive silver halide materials

L39 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI Fluorine-containing compounds

L39 ANSWER 21 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
TI Fluorinated alkoxybenzyl chlorides

=> d 1,3,5,6,7,13,14,17,20,21 bib fhitstr

L39 ANSWER 1 OF 21 USPATFULL on STN
AN 2001:149676 USPATFULL
TI PHENYL POLYHALOALKYL ETHER DERIVATIVES, LIQUID-CRYSTAL COMPOSITION CONTAINING THE SAME, AND LIQUID-CRYSTAL DISPLAY ELEMENT
IN SHIBATA, KOUICHI, CHIBA, Japan
MATSUI, SHUICHI, CHIBA, Japan
MIYAZAWA, KAZUTOSHI, CHIBA, Japan
TAKEUCHI, HIROYUKI, CHIBA, Japan
HISATSUNE, YASUSUKE, CHIBA, Japan
TAKESHITA, FUSAYUKI, CHIBA, Japan
NAKAGAWA, ETSUO, CHIBA, Japan
PI US 2001019121 A1 20010906

10/669,404

AI US 1999-308039 A1 19990713 (9)
WO 1997-JP4114 19971112
None PCT 102(e) date
PRAI JP 1996-316958 19961113
DT Utility
FS APPLICATION
LREP WENDEROTH LIND & PONACK, 2033 K STREET NW, SUITE 800, WASHINGTON, DC,
20006
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1888

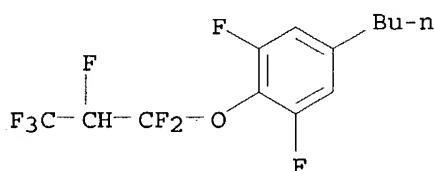
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 207614-76-4

(preparation of Ph polyhaloalkyl ether derivs., liquid-crystal composition containing
them, and liquid-crystal display element)

RN 207614-76-4 USPATFULL

CN Benzene, 5-butyl-1,3-difluoro-2-(1,1,2,3,3,3-hexafluoropropoxy)- (9CI)
(CA INDEX NAME)

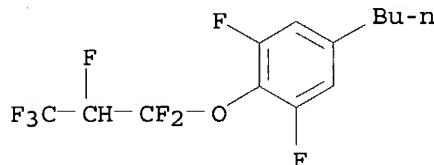


L39 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:341533 CAPLUS
DN 129:21744
TI Phenyl polyhaloalkyl ether derivatives, liquid-crystal composition
containing the same, and liquid-crystal display element
IN Shibata, Kouichi; Matsui, Shuichi; Miyazawa, Kazutoshi; Takeuchi,
Hiroyuki; Hisatsune, Yasusuke; Takeshita, Fusayuki; Nakagawa, Etsuo
PA Chisso Corp., Japan; Shibata, Kouichi; Matsui, Shuichi; Miyazawa,
Kazutoshi; Takeuchi, Hiroyuki; Hisatsune, Yasusuke; Takeshita, Fusayuki;
Nakagawa, Etsuo
SO PCT Int. Appl., 79 pp.
CODEN: PIXXD2

DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9821172	A1	19980522	WO 1997-JP4114	19971112
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, ID, IL, IS, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	JP 10139709	A2	19980526	JP 1996-316958	19961113
	AU 9749642	A1	19980603	AU 1997-49642	19971112
	EP 945422	A1	19990929	EP 1997-912427	19971112
	R: DE, FR, GB				
	US 2001019121	A1	20010906	US 1999-308039	19990713
PRAI	JP 1996-316958	A	19961113		

WO 1997-JP4114 W 19971112
 IT 207614-76-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (preparation of Ph polyhaloalkyl ether derivs., liquid-crystal composition
 containing
 them, and liquid-crystal display element)
 RN 207614-76-4 CAPLUS
 CN Benzene, 5-butyl-1,3-difluoro-2-(1,1,2,3,3,3-hexafluoropropoxy)- (9CI)
 (CA INDEX NAME)



RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 5 OF 21 USPATFULL on STN
 AN 96:5929 USPATFULL
 TI Halogenation processes in advantageous solvents, and novel
 bistrifluoromethyl-polyfluoroalkoxybenzenes
 IN Marhold, Albrecht, Leverkusen, Germany, Federal Republic of
 PA Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
 (non-U.S. corporation)
 PI US 5484932 19960116
 AI US 1994-253188 19940602 (8)
 RLI Continuation of Ser. No. US 1993-52420, filed on 15 Apr 1993, now
 abandoned

PRAI DE 1992-4213850 19920427

DT Utility

FS Granted

EXNAM Primary Examiner: Evans, Joseph E.

LREP Gerstenzang, William C. Sprung Horn Kramer & Woods

CLMN Number of Claims: 5

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 308

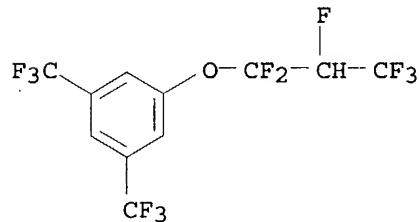
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 153646-12-9

(preparation as halogenation solvent and attempted chlorination of)

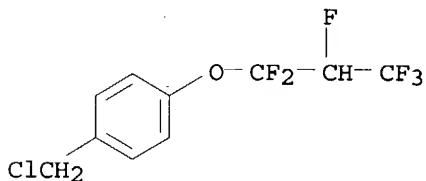
RN 153646-12-9 USPATFULL

CN Benzene, 1-(1,1,2,3,3,3-hexafluoropropoxy)-3,5-bis(trifluoromethyl)- (9CI)
 (CA INDEX NAME)



AN 1995:689905 CAPLUS
 DN 123:98108
 TI Preparation of 1,1,2,3,3,3-hexafluoropropyl group-containing liquid-crystal compounds and liquid-crystal formulations containing them
 IN Miyazawa, Kazutoshi; Goto, Yasuyuki; Matsui, Shuichi; Fujita, Atsuko; Tomi, Yoshitaka
 PA Chisso Corp., Japan
 SO Eur. Pat. Appl., 49 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

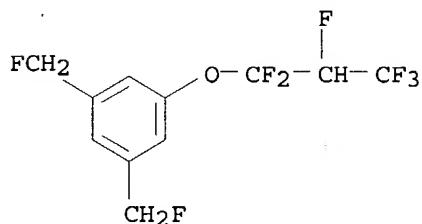
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 640578	A1	19950301	EP 1994-306361	19940830
	EP 640578	B1	19971105		
	EP 640578	B2	20010627		
	R: CH, DE, FR, GB, LI JP 07118184	A2	19950509	JP 1994-78955	19940418
PRAI	JP 1993-214580	A	19930830		
	JP 1994-78955	A	19940418		
OS	MARPAT 123:98108				
IT	78010-87-4				
	RL: RCT (Reactant); RACT (Reactant or reagent) (preparation of 1,1,2,3,3,3-hexafluoropropyl group-containing liquid-crystal compds. and liquid-crystal formulations containing them)				
RN	78010-87-4 CAPLUS				
CN	Benzene, 1-(chloromethyl)-4-(1,1,2,3,3,3-hexafluoropropoxy)- (9CI) (CA INDEX NAME)				



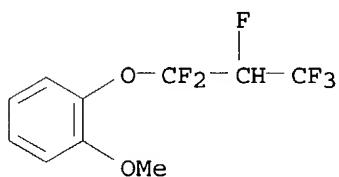
L39 ANSWER 7 OF 21 USPATFULL on STN
 AN 95:71501 USPATFULL
 TI Process for the α -chlorination of aryl ethers
 IN Marhold, Albrecht, Leverkusen, Germany, Federal Republic of
 Jelich, Klaus, Wuppertal, Germany, Federal Republic of
 PA Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
 (non-U.S. corporation)
 PI US 5440051 19950808
 AI US 1994-216239 19940322 (8)
 RLI Continuation of Ser. No. US 1993-48165, filed on 15 Apr 1993, now abandoned
 PRAI DE 1992-42138493 19920427
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Reamer, James H.
 LREP Sprung Horn Kramer & Woods
 CLMN Number of Claims: 14
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 395
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

10/669,404

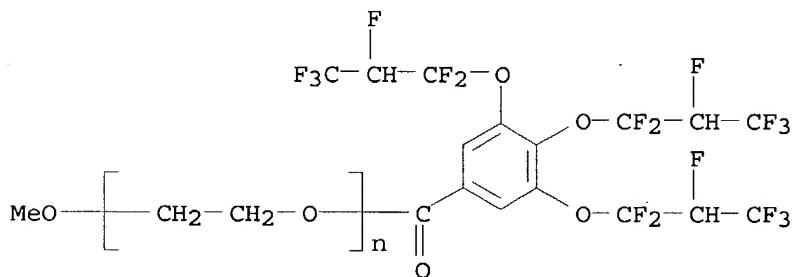
IT 152946-82-2P
(preparation of, as solvent for chlorination reactions)
RN 152946-82-2 USPATFULL
CN Benzene, 1,3-bis(fluoromethyl)-5-(1,1,2,3,3,3-hexafluoropropoxy)- (9CI)
(CA INDEX NAME)



L39 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1987:138010 CAPLUS
DN 106:138010
TI Polyfluoroalkyl aryl ethers
AU Du, Xuemei; Yang, Binghua; Hu, Changming
CS Shanghai Inst. Org. Chem., Acad. Sin., Shanghai, Peop. Rep. China
SO Huaxue Xuebao (1986), 44(6), 604-9
CODEN: HHHPA4; ISSN: 0567-7351
DT Journal
LA Chinese
OS CASREACT 106:138010
IT 107368-46-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 107368-46-7 CAPLUS
CN Benzene, 1-(1,1,2,3,3,3-hexafluoropropoxy)-2-methoxy- (9CI) (CA INDEX NAME)



L39 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1985:187077 CAPLUS
DN 102:187077
TI A new type of fluortensides, based on the addition of nucleophiles to chlorotrifluoroethylene and hexafluoropropylene
AU Kokelenberg, Hendrik; Pollet, Robert
CS Abt. Allg. Photogr. Forsch., Agfa-Gevaert N. V., Mortsel, B-2510, Belg.
SO Tenside Detergents (1985), 22(1), 22-7
CODEN: TSDTAZ; ISSN: 0040-3490
DT Journal
LA English
IT 75836-10-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of surface-active)
RN 75836-10-1 CAPLUS
CN Poly(oxy-1,2-ethanediyl), α -[3,4,5-tris(1,1,2,3,3,3-

hexafluoropropoxy)benzoyl]- ω -methoxy- (9CI) (CA INDEX NAME)

L39 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1981:424503 CAPLUS

DN 95:24503

TI Fluorine-substituted styrenes

IN Hagemann, Hermann; Klauke, Erich

PA Bayer A.-G., Fed. Rep. Ger.

SO Ger. Offen., 13 pp.

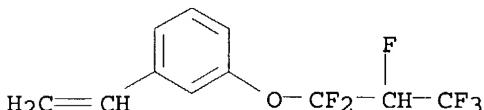
CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2936237	A1	19810319	DE 1979-2936237	19790907
PRAI	DE 1979-2936237		19790907		
IT	78010-80-7P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				
RN	78010-80-7 CAPLUS				
CN	Benzene, 1-ethenyl-3-(1,1,2,3,3,3-hexafluoropropoxy)- (9CI) (CA INDEX NAME)				



L39 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1975:139671 CAPLUS

DN 82:139671

TI Fluorine-containing compounds

IN Kawaguchi, Takeyuki; Yonemura, Utami; Negishi, Sutemi

PA Teijin Ltd.

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

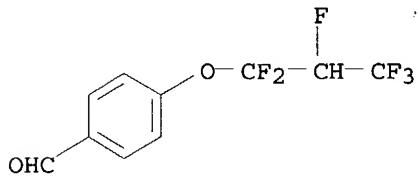
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 49132022	A2	19741218	JP 1973-40355	19730411
PRAI	JP 1973-40355		19730411		
IT	55321-69-2				

10/669,404

RL: RCT (Reactant); RACT (Reactant or reagent)
(condensation with butylaniline)

RN 55321-69-2 CAPLUS

CN Benzaldehyde, 4-(1,1,2,3,3,3-hexafluoropropoxy)- (9CI) (CA INDEX NAME)



L39 ANSWER 21 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1973:418377 CAPLUS

DN 79:18377

TI Fluorinated alkoxybenzyl chlorides

IN Ertel, Hartmut; Kluge, Friedhelm; Heubach, Guenther

PA Farbwerke Hoechst A.-G.

SO Ger. Offen., 8 pp.

CODEN: GWXXBX

DT Patent

LA German

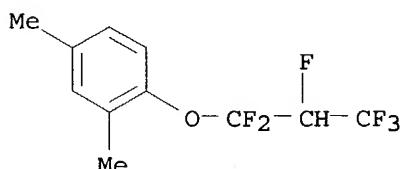
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2150955	A1	19730419	DE 1971-2150955	19711013
PRAI	DE 1971-2150955		19711013		
IT	42145-68-6				

RL: RCT (Reactant); RACT (Reactant or reagent)
(chlorination of)

RN 42145-68-6 CAPLUS

CN Benzene, 1-(1,1,2,3,3,3-hexafluoropropoxy)-2,4-dimethyl- (9CI) (CA INDEX NAME)



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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY

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